

The Cotton Gin and Oil Mill

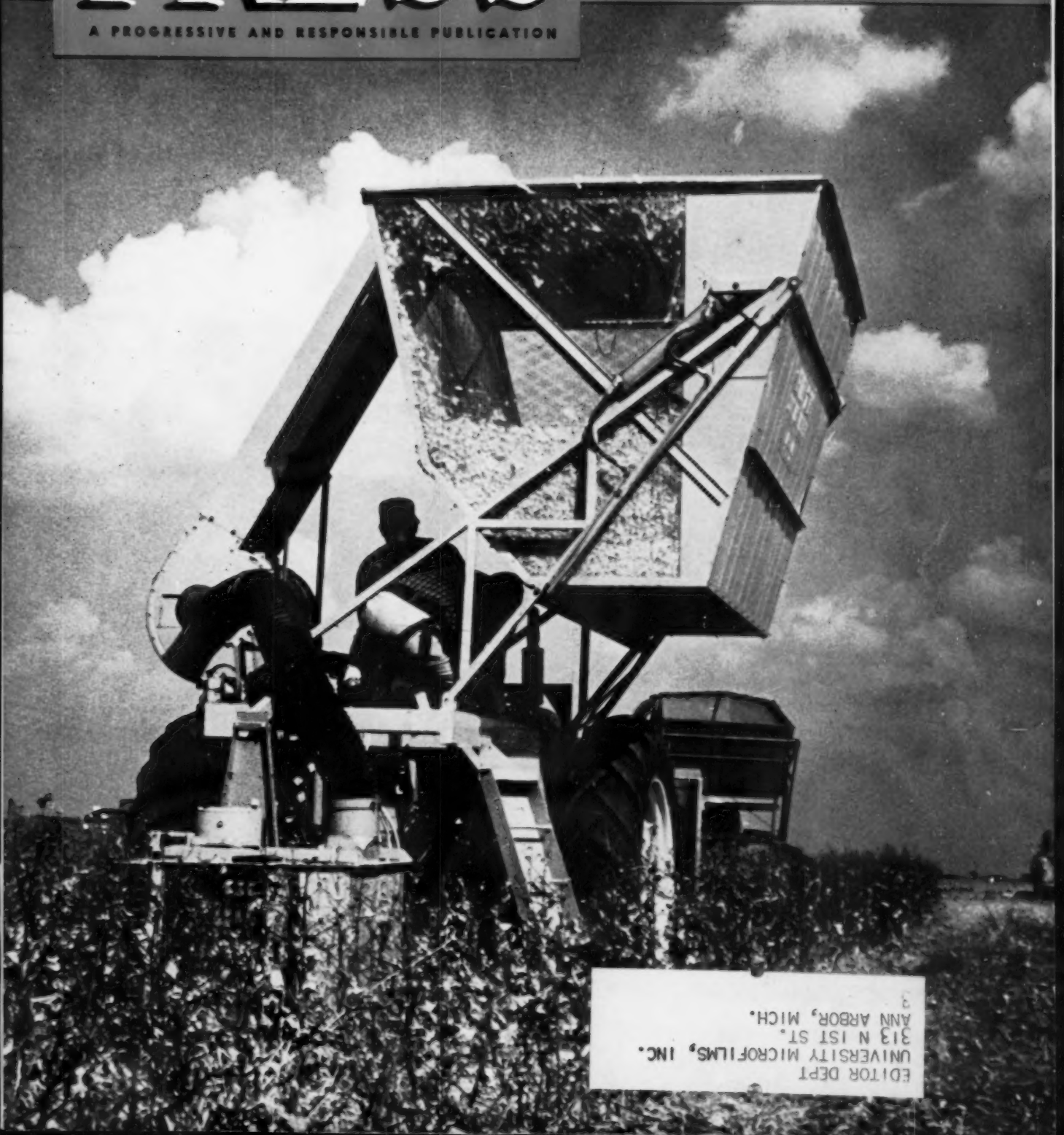
# PRESS

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SEPTEMBER 19, 1959

60<sup>th</sup>  
year

THE MAGAZINE OF THE COTTON GINNING  
AND OILSEED PROCESSING INDUSTRIES



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This is the time of the year when all across the cotton belt, the ginner of America are throwing their gin breasts into operating position for the first time on the new crop.

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### THE COTTON GIN AND OIL MILL PRESS

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744 Jackson Place, N.W.  
Washington 6, D. C.

Published by

HAUGHTON PUBLISHING COMPANY

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### SUBSCRIPTION RATES:

Domestic: 1 year \$3; 2 years \$5; 3 years \$7.  
Foreign: Latin-American countries \$10; all others \$15 per year. (Not accepted for "Iron Curtain" countries). All subscriptions cash with order.

Published Every Other Saturday

★ ★ ★

### EXECUTIVE AND EDITORIAL OFFICES:

3116 COMMERCE STREET, DALLAS 26, TEXAS



### OUR COVER PICTURE:

The products of the year's labors... cotton being harvested in Central Texas. Each year more and more mechanical harvesters replace hand labor in the fields. This time of the year, when everywhere you look, the products of the earth's goodness are in evidence, we join with others to pray for a good harvest, and give thanks for many blessings.

Photo by John Jeter

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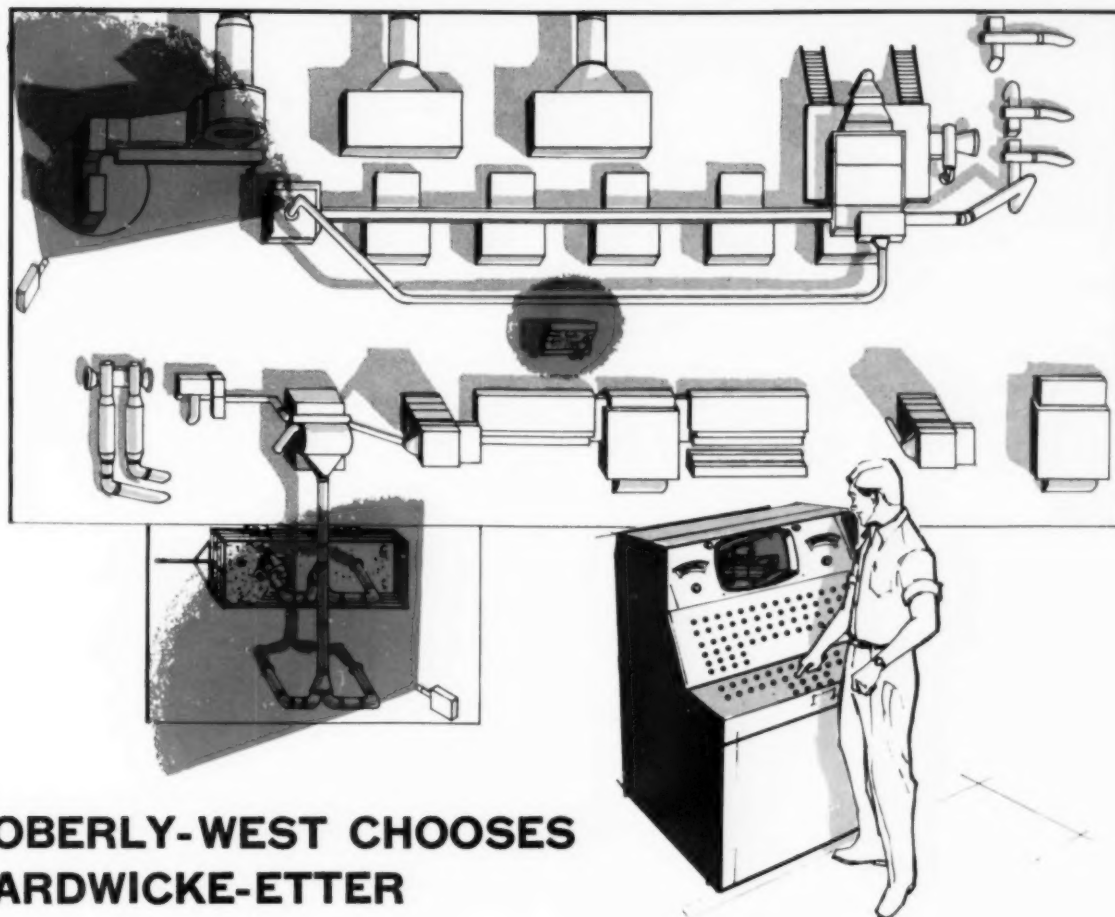
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Coberly-West planned this most modern of ginning plants for the benefit of its customers . . . to give them unequalled quality in the processing of their cotton. These Hardwicke-Etter components, engineered and built for high-capacity performance, make this newest Coberly-West plant the natural choice of ginner in the Woodville area:

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*Illustration shows position of the Hardwicke-Etter control panel facing gin stands and location of cameras and their fields of view. Inset shows how viewing screen can be installed as an integral part of the Hardwicke-Etter Command Post.*



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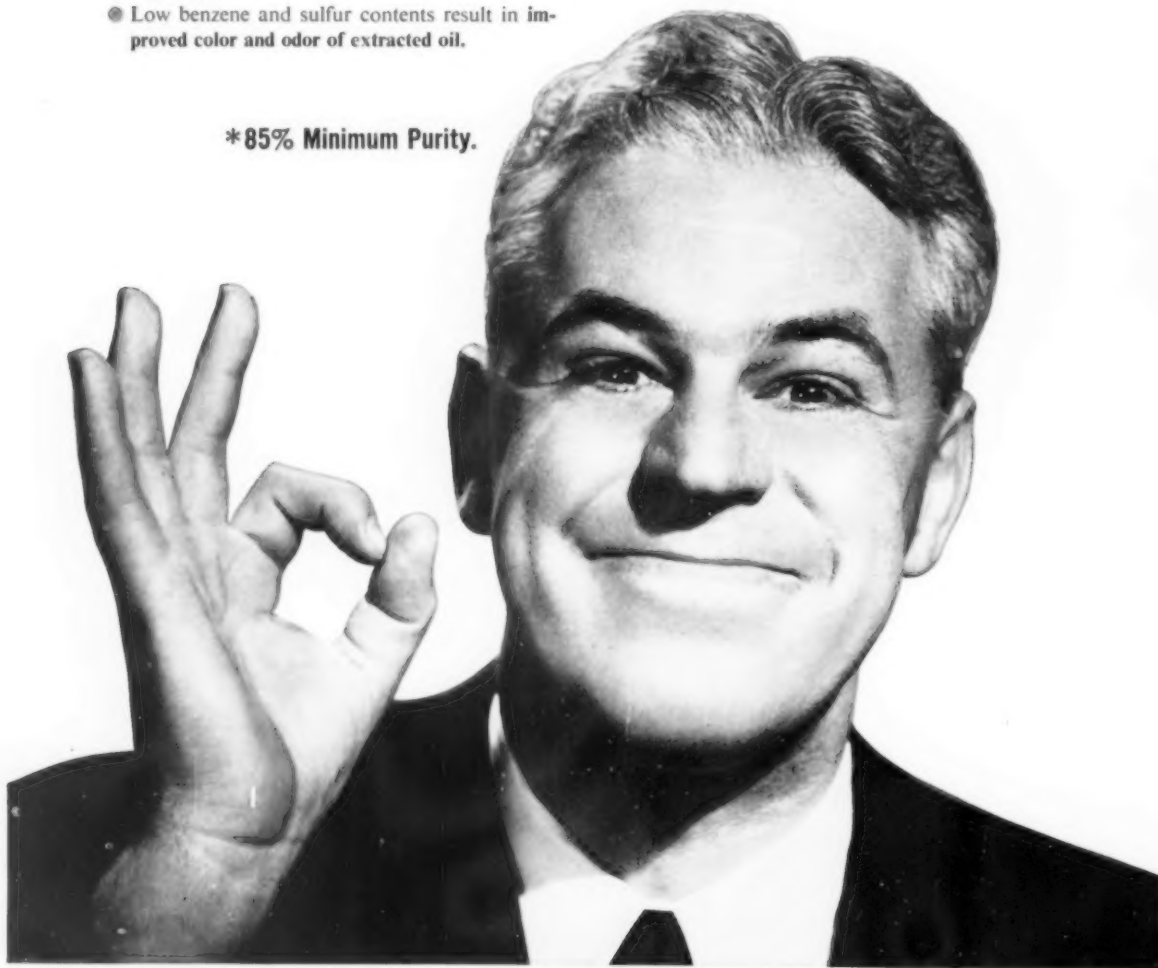
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# THE GINNERS' JOB

By

Tom Murchison,  
Coy, Ark.,  
President,

Arkansas-Missouri  
Cotton Ginnings'  
Association



MURCHISON is convinced that careful heat control is a must for quality ginning. Notice the central and convenient location of the gauges and controls. This aids supervision and observation.

**A**LL OF US have been hearing a lot about quality damage—particularly damage occurring at the gin—and the need for preventing it. Terms such as “over-drying,” “excessive cleaning,” “gin damage,” “overginning,” and others are becoming quite common.

This is actually a symptom of the tremendous progress that has been made in the cotton industry in recent years. Certainly we're all in favor of progress and hope it continues in the future. However, we must realize that progress requires changes and brings problems. Much of the cotton industry's progress has been in mechanization—and with it has come difficulty in preserving cotton's quality.

• **Tough Position** — Ginnings are in a rather tough position. As a more or less “bridge” between producers and mills, we have been faced with the task of filling the needs and desires of both. This has inevitably brought problems.

Here's what I mean: On mill tours I have made I learned that mills have had to speed up and change their operations in order to increase efficiency. They now require a more uniform raw material of higher quality. At the same time, farmers have turned to mechanical harvesting and rough hand picking to meet rising labor costs and labor scarcities. Certainly these developments have been necessary in the industry's struggle to keep down costs and stay competitive.

In trying to do a good job of ginning on the increasing amount of rough-harvested cotton, many ginnings installed complicated cleaning and drying equip-



THE AUTHOR (left) listens intently while Bill Hunter, gin manager, makes a point about the moisture meter. They think every gin needs one.

ment. This seemed to be the answer, because this equipment could correct many harvesting mistakes. But now we are finding that this equipment, though often raising grade for the producer, can damage quality. This can cost the mill through poor processing performance, higher costs and often a poorly finished product.

Not all cotton is being damaged, by any means. But I am equally sure that any damage hurts cotton's position. Cotton already suffers a price disadvantage of several cents a pound to some of its competition and can't afford the added handicap. If mills become dissatisfied with cotton and switch to synthetics, less cotton will be consumed and less can be produced. This, of course, means there will be less to be ginned.

It is necessary that we ginnings do all we can to put the most money possible in the producer's pocket and still give mills a product that will perform well.

(Continued on Page 34)

## THE AUTHOR

Tom Murchison can speak with authority on the role of ginnings in preserving cotton's quality. He was reared on a cotton farm near Coy and became actively engaged in ginning in 1935. He has gained wide recognition for his outstanding record and is currently president of the Arkansas-Missouri Ginnings' Association and a ginner delegate of the National Cotton Council. He is very progressive and puts forth an all-out effort to keep up-to-date on new developments and ideas by attending mill tours, ginner schools and short courses, and other activities. Being quality-minded, Murchison is aware of the problems facing ginnings and has some good ideas, based on personal experience, on what to do about them.

## • NCC Board Hears Cotton Report

THE PRICE of cotton on the domestic market is lower in relation to the price of rayon staple than it has been for any sustained period in the past decade.

Since January the price of standard rayon has been raised two cents a pound and the price of cotton has declined, Dr. M. K. Horne, Memphis, chief economist, National Cotton Council, reported to the Council's Board of Directors, meeting in Charlotte, N.C., Sept. 10.

The textile market now is in an upward swing in its cycle and there have been predictions that domestic consumption of cotton in the new crop year will be "better than last year's 8,700,000 bales."

Prospects for an increase in exports also are good, he stated, explaining that foreign consumption is rising and stocks are low, while production is "down by 600,000 bales or more in Mexico alone."

Cotton's major losses in the 1948-58 period, Dr. Horne declared, have been in three markets—tires, bags, and textile exports. Use of cotton in tires dropped from 661,000 to 80,000 bales; consumption in bags dropped nearly 200,000 bales; and cotton consumed in net exports of textiles and textile manufactures fell from 917,000 to 266,000 bales. Exports of cotton manufactures, he emphasized, have been declining and imports have been increasing, to result in a net market loss of 651,000 bales.

On the other hand, he noted, cotton's gain in the domestic market for clothing

has been almost as spectacular as its losses in these three areas.

"In this highly competitive clothing market in the country which was already consuming more clothing per capita than any other in the world," he said, "cotton achieved a net increase of 1,185,000 bales in 10 years."

The Board also heard reports by Ernest Stewart, New York, apparel and household furnishings sales promotion manager; Bill Nunn, Memphis, foreign trade division; J. Ritchie Smith and Vernon Moore of the Council's production and marketing division, Memphis; Leonard Smith, Washington, and Frank McCord, Memphis, utilization research division; and Banks Young, Washington representative.

In its sales training program, according to Stewart, classes have been conducted in 331 top volume department stores in 97 major cities.

"On the basis of projections for the fall training season," he said, "we estimate that during 1959 salespeople in stores serving nearly 43 million consumers will have been better equipped to do an effective job of selling cottons through the personal efforts of our training staff."

Nunn noted that 14 countries now are carrying out market research and cotton textile promotional programs patterned after those of the Council. Referring to programs initiated this year in India and the Philippines, he said their real benefit will be "the experience we can gain in adapting advance Western concepts of sales promotion to the unusual and sometimes primitive conditions and very low incomes of under-developed countries."

An extensive Council educational program aimed at reducing damage to cotton through misuse of gin drying and cleaning equipment was described by Smith.

In detailing progress in research on the inherent high quality of cotton lint, Moore said studies are directed toward three broad objectives: (1) reducing the amount of trash and moisture in mechanically harvested seed cotton; (2) developing an accurate and practical means of controlling moisture in cotton during ginning; and (3) obtaining a more precise evaluation of production, harvesting, and ginning effects on the performance of cotton as evidenced in spinning, weaving, and finishing processes.

There is a need, he explained, for research to identify specific fiber properties that are related to differences in processing performance, and develop practical ways of measuring these properties.

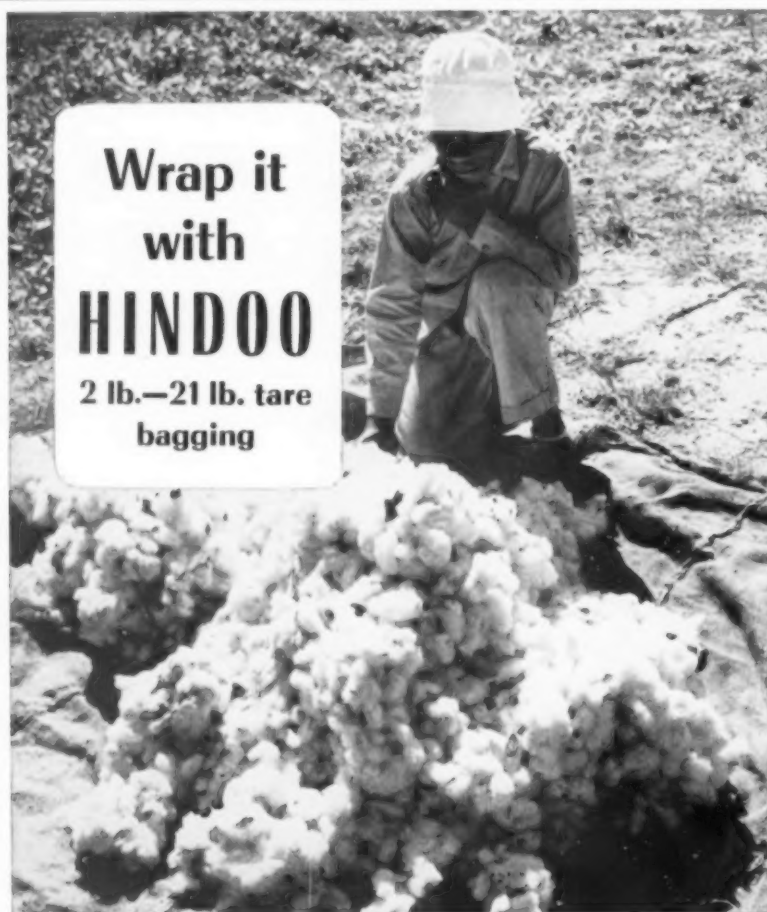
### \$60,000 Gin Fire Loss

Damage of about \$60,000 resulted from the recent fire at a warehouse of Growers' Gin, Mission, Texas. James Walsh, vice-president of Texas Cotton Ginners' Association, is owner.

### Staple Longer, Grade Lower

Cotton ginned to Sept. 1 this season contained 85 percent one inch or longer staple, against 78 percent inch or longer cotton ginned a year ago. The proportion of Strict Middling or higher grades was the smallest since 1955.

■ LEROY DURHAM, president, Lockney (Texas) Cooperative Gin, has announced the construction of a grain elevator.



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**HINDOO**  
2 lb.—21 lb. tare  
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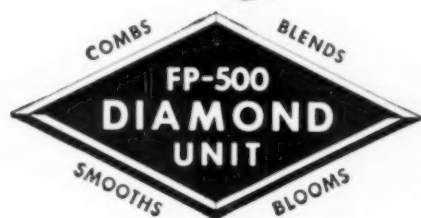
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J. E. MOSES, retired oil mill trade association fieldman and executive, as he looks today.

## J. E. Moses



MOSES dictating to his secretary and sister-in-law, Arthreene Carter, in their Atlanta office while they were with National Cottonseed Products Association.

**J.** E. MOSES knew Texans bragged that they have the most of everything. But he was a little surprised, on his first visit to the Lone Star State, to see so many peach trees as he looked out of the train window. He was even more surprised, later, to discover that the trees, shaped so like peach trees, grew only mesquite beans.

Even if he didn't recognize the mesquites at a glance, Judson Moses knows plenty about agriculture. He served farmers and agricultural industries throughout his career, and his green thumb is still evident in the yard of his home at 770 Myrtle, N.E., Atlanta, and in the yards of his relatives.

Tall, loose-jointed and redhaired until most of it became gray, J. E. Moses looks like a farmer. He vaguely reminds us of Abraham Lincoln, without the beard—and he's just as honest and good-natured. In 25 years, we've never heard him say an unkind word.

Moses is past 70 now, but you wouldn't guess it. As this is written, he's busy supervising the building of an apartment house on the grounds where his home formerly stood.

• **Served Agriculture Many Years** — For more than 20 years, Moses worked for the cotton oil industry. He has friends among oil millers, ginners and farmers throughout the Cotton Belt.

His career began on an Alabama cotton farm, near Hamilton. He got his B.S. in agriculture at Alabama Polytechnic Institute (more often called Auburn), and did graduate work at the University of Florida.

After teaching and working with Future Farmer boys for 10 years (two years in Arkansas, eight in Florida), Moses was an Alabama County Agent for six years. North Carolina then hired

him to be swine specialist for the state Agricultural Extension Service. After that, he was a farm appraiser for the Federal Land Bank at Columbia, S.C.

This added up to a rich variety of experience, as well as friendship with agricultural leaders and farmers throughout the Southeast, when J. E. Moses joined the National Cottonseed Products Association Service early in 1936.

As field representative, with headquarters in Atlanta, Moses worked conscientiously and effectively building goodwill for oil mills and their products. He was never a high-pressure, hard-driving salesman; but he made friends everywhere for cottonseed products. Many years later, people still ask about Moses and say, "Tell him to come to see us."

In February, 1947, Georgia Cottonseed Crushers' Association hired him as secretary-treasurer. Moses held this position until the Georgia Association was dissolved in 1957, and he retired.

Garry and Michael Owen, two lively grandsons, see to it that retirement doesn't mean inactivity for Moses. In fact, they kept him so active the day we visited the Moses family in Atlanta that we got tired, just watching. His daughter, Sara, and her husband, Hugh Owen, value Grandfather not only as a babysitter, but also as a consultant on the landscaping of their new yard in Atlanta.

So do his other relatives with new homes and new yards in Atlanta—Judson, Jr., and his wife; and Moses' sisters-in-law, Mary and Arthreene Carter. In fact, the Carters, who keep very busy running their thriving business of making, selling and repairing store mannequins (dummies, to you and me), think they couldn't have a yard without Moses to look after it.

The First Baptist Church of Atlanta also occupies part of his time, as he has always been a devout Baptist and is proud of his church, one of the nation's largest.

The Press is one of the organizations which have benefitted from his friendship and helpfulness. He has written or collaborated on a number of biographical sketches of oil mill leaders which have appeared in this publication—including those of Harry Hodgson, J. O. Wilson, P. D. McCarley and T. S. Kenan.

Before retiring, Moses was active in the Farmers Club of the Atlanta Chamber of Commerce, and was president of the Executive Secretaries Club of Atlanta.

Mrs. Moses, the former Lucile Carter of Monroeville, Ala., died in 1955.

• **He Can Cook, Too**—His sisters-in-law, who lived with the Moses family for many years, say that Moses is a better cook than they are—as well as a better "yard man"—and they often have him over to their new home. One of the sisters, Arthreene Carter, worked for the National Cottonseed Products Association as secretary to Moses in the Atlanta office for about 10 years.

As he worked among his flowers and shrubs this spring, Moses commented on his good health, and laughed at a story on himself.

"Are you strong and healthy?" was one of the questions A. L. Ward, director of the NCPA Educational Service, fired at Moses in 1936 when the Southeastern applied for a job. "Sure, I was never sick a day in my life," Moses replied. Whereupon, Moses reported at Dallas for instructions—but was so sick with flu for a week that he couldn't leave his hotel room.

# DEALERS, FARMERS and GINNERS ACCLAIM...

# Empire



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### We are also growers and distributors of Certified Station hybrid seed corn

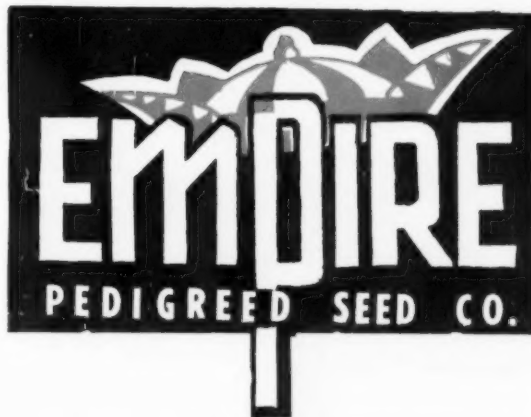
#### FRIENDS:

We are pleased to announce that Mr. W. W. Ballard, originator of Empire Cotton and formerly Agronomist with the U. S. Department of Agriculture, is now affiliated with the Empire Pedigreed Seed Company and will continue full time breeding and research work with Empire cotton.

Due to the rapidly increasing popularity of Empire cotton, seed supplies are somewhat short and we urge that you place your orders early so that you can be sure of delivery.

Empire has many outstanding qualities that keep old friends and make new ones, because it makes more profit for them. See your Empire dealer today.

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as viewed from

## The PRESS Box

### • Sept. 1 Crop Report

TOTAL crop production just under last year's astounding record now seems likely, USDA reports. Late-season crops developed rapidly during the August heat and virtually all are expected to mature by the average frost dates. Production index from all crops based on Sept. 1 estimates edge upward from the August level to 117, only one point below the record of 1958. Feed grains and sugar crops pushed

further above last year's peak, and cotton, although declining slightly during August is still sharply above the relatively low level of 1958. A composite yield per acre index covering 28 leading crops advanced two points during August to 134, second only to last year's record of 143. Corn, cotton, sugar beets, sugarcane, dry peas and dry beans are setting new peaks in yield per acre, and soybeans yields equal the 1958 record. Total feed grain tonnage now seems likely to push

well above the high point reached last year, while the prospective corn crop surpasses last year's record by 15 percent.

### • Hereditary Blood Fat

A RESEARCHER from New York University post graduate medical school, Dr. Kurt Hirschhorn, reports that some people have a family tendency to pile up triglycerides in their blood. Although scientists have worried about this fat—called triglyceride—for more than two decades, only in the past few years have they been able to find enough evidence to present a case for scientific conviction. Dr. Hirschhorn has produced new exhibits to show you may inherit your triglyceride problem from your parents. And he says the triglyceride case does not rule out cholesterol; in fact the two substances may go hand in hand through the body.

### • Farm Mechanization

BRITAIN has the most highly mechanized farming industry in the world and British farmers are producing more food per man than any other farmers, according to W. H. Cashmore, director of Britain's Institute of Agricultural Engineering. He says Britain has one tractor for every 27 acres of arable land.

### • Food Processing Engineers

ONE OF INDUSTRY'S newest engineering specialties, food process engineering, will be offered this fall at the University of California at Davis. Roy Bainer, assistant dean of the College of Engineering and chairman of the agricultural engineering department, said expansion of the program on the campus makes possible this unique combination of training. With emphasis on engineering, it will make use of courses and facilities in the newly enlarged department of food science and technology.

### • Paint Sales Up

SALES OF PAINT, a large user of drying oils, were nearly 14 percent larger in the first seven months of 1959 than a year earlier, National Paint, Varnish and Lacquer Association reports.

### • Metal Lined Clothing?

METAL-LINED clothes for men and women were forecast recently in York, England, as a future fashion by textile expert Howard Rees who unrolled a shimmering length of newly-developed aluminum foil cloth before the British Association for the Advancement of Science. The foil, one-quarter of one-thousandth of an inch thick, is coated on one side of the cloth. "With the metal side inward you should keep warm, reversed you would keep cool," Rees said.

### • Fight on Pink Bollworm

PLANS for a continued fight on the pink bollworm in Arizona, where many thousands of dollars have already been spent, are being made by cotton interests. J. W. Pou, Extension director, has named a committee to draft control practices. W. C. Rhodes represents Arizona Cotton Growers' Association on the committee.

### • Aphids Can Ruin Crop

GINNERS should warn growers to watch out for aphids in cotton during the remainder of the season. Aphids can ruin a good crop within a few hours.



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**HEXANE • Typical Properties**

Volatility	Distillation (ASTM D-1078-49T) °F	IBP	152
		10%	153
		50%	154
		90%	155
		Dry Point	156
	% Aromatics		less than 0.3
Solvency Power	Aniline Point °F		143
Color			Crystal Clear

**HEPTANE • Typical Properties**

Volatility	Distillation (ASTM D-1078-49T) °F	IBP	
		10%	201
		50%	203
		90%	205
		Dry Point	207
	% Aromatics		less than 0.3
Solvency Power	Aniline Point °F		144
Color			Crystal Clear

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## Don't Pick on Ginners

**"DON'T PICK ON GINNERS,"** say leaders of the cotton ginning industry who are working to maintain and improve cotton quality. Ginners, they point out, often get the blame for problems that are created by other segments of the cotton industry.

Tom Murray, executive vice-president, National Cotton Ginners' Association, has forwarded to The Press, official publication of that Association and all state and regional ginners' associations, a letter calling attention to this matter.

Winston Lovelace, Loving, N.M., a past president of the National and New Mexico Ginners' Associations, wrote the letter to a cotton shippers' organization. The letter says, in part:

"I have the statement on cotton quality preservation. On the whole this is very good, but it seems you fellows are using the ginning industry as a whipping boy.

"If you will recall events over a period of years, I am sure you will realize that the spinning industry is continually trying to blame someone else for the problems in their particular business. It is either the producer or the ginner or the warehousemen or the merchants. In the last few years it seems to be popular to blame the ginner for everything.

"I am not so naive as to entertain the notion that there has not been some over-drying and some over-machining. However, I doubt seriously that there has been enough of this sort of thing to create a national problem. Recently I read of a series of tests that were made by a ginning specialist in Missouri and he made the flat statement that over a period of about two years in testing moisture content of cotton at the gins he had

never found a case of over-drying.

"I think we all need to be on our toes, but I believe most of the propaganda and the public utterances that are being made on this particular subject should be addressed more to the farmer and a little less to the ginner. After all, the ginner is in a terrific spot and certainly he has his closest contact with the farmer. He is necessarily going to have to do everything he can to please his immediate customer. All of the publications that will try to get over to the farmer the fact that he needs to do something about this problem will be to the good. Some way must be devised to get the information to the farmer, not just a few of the top farmers around the country who attend some of the national and regional meetings, but the little fellow back up on the forks of the creek and down in the river bottoms that hardly ever goes beyond his gin or the small town in his area. These are the men who produce a tremendous amount of cotton, and the ones that have to be reached in getting the idea of proper harvesting across.

"Why don't you join the ginning industry in trying to bring this about and help overcome the tendency of other segments of the industry to pick out the ginners as whipping boys?"

### Synthetics Will Increase

Du Pont will be producing about 600 million pounds yearly of the newer synthetic fibers in a few years, a company official has forecast. (Last year, U.S. mills used about 470 million pounds of these fibers.)



H. BRENT COOKE, JR.

### Cooke Joins Miller Smith in Memphis

H. BRENT COOKE, JR., has been appointed head of the protein sales department of Miller Smith Co., 3387 Poplar Avenue, Memphis. Cooke has had 23 years of experience in trading in cottonseed and soybean meal with Humphreys-Godwin Co., Memphis. For several years Bill Miller, Frank Smith and Milton White have devoted all of their time to trading in cottonseed and other oils. White will now join Cooke in the new protein department, created to provide diversified service to customers.



JOHN MILTON WHITE

## • Buckeye Cellulose Work Reviewed

NEW CELLULOSE developments were reported by Buckeye Cellulose Corp. scientists in papers presented at the American Chemical Society meeting in Atlantic City last week.

**■ DEGRADATION OF HEMICELLULOSE** at high temperatures was discussed by R. W. Collier of Buckeye, who said the findings would especially interest producers of dissolving and paper pulps. A low hemicellulose level in dissolving pulps is desired by cellulose users, particularly manufacturers of super strength viscose tire cord and cellulose derivatives.

Previously, Collier explained, it was known that wood hemicelluloses are destroyed by heating in alkaline solutions such as are used in the pulping of wood in the sulphate process, and in recent years a mechanism was developed for this reaction. The Buckeye findings present evidence of a new type to support the existing theory of how cellulose and hemicellulose are degraded by hot alkaline solutions.

**■ BEHAVIOR OF CELLULOSE** in the viscose process was reviewed by Marie Easterwood of Buckeye.

The significance of the research, Miss Easterwood said, is that it gives viscose producers detailed information on the effect of the various cellulose-processing factors on the manufacture of their products. Greater knowledge of these reactions, in turn, could lead to improved products by permitting closer control over manufacture.

Products manufactured by the viscose process include Tyrex tire cord, rayon, cellophane, and cellulose films, casings and sponges. About two-thirds of total chemical cellulose production is used in the viscose process.

Buckeye's research, she reported, centered mainly on the study of cellulose xanthate in viscose solution between the point of xanthation and regeneration.

Findings of the study, she stated, describe the effect various factors have on viscose process reaction efficiencies, dexanthation rates, viscose spinnability, and viscose viscosity. Among the factors studied were xanthate concentration, carbon bisulfide level, cellulose concentration, temperature, condition of xanthation, condition of dissolving, and pulp type.

The Buckeye study also revealed that the reaction of prehydrolyzed sulfate pulps was similar to that of cotton linter pulps, Miss Easterwood reported.

### Bruce Headrick, Ginner, Dies

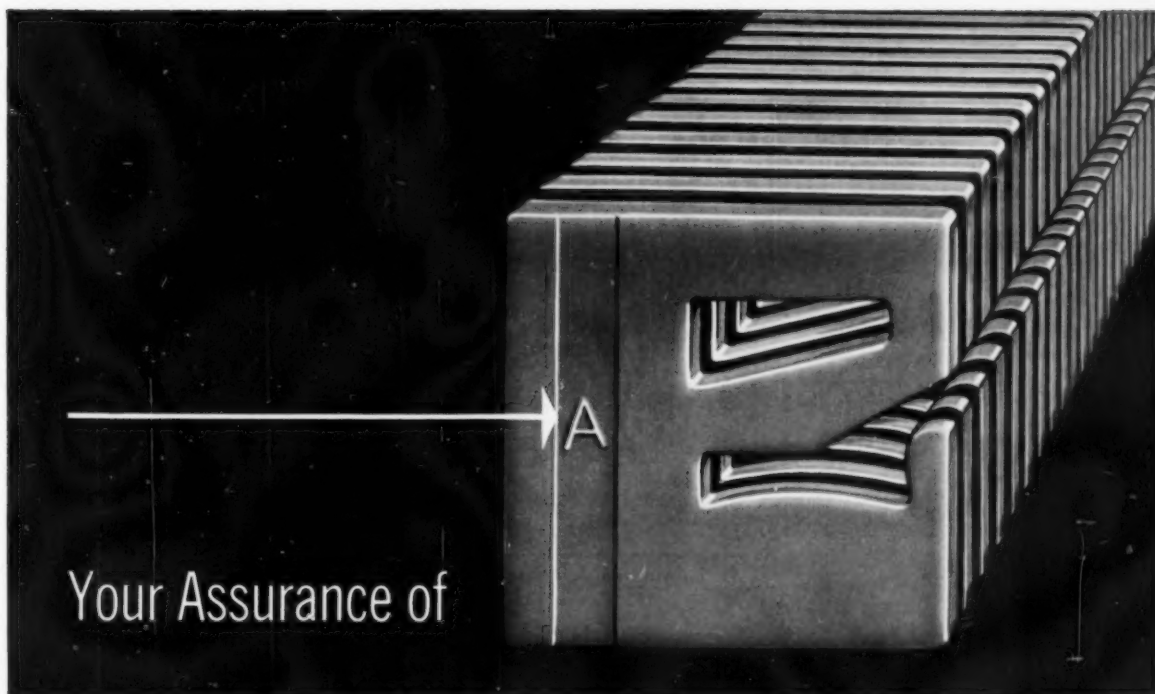
Bruce Headrick, 69, died Sept. 15 at his farm home near Corpus Christi, Texas. A native of Ellis County, he moved to the Coastal Bend area about 15 years ago and was manager of Staple Gin Co., near Sinton.

Survivors include his wife, three sons, one sister and two brothers.

### California Mill Meeting

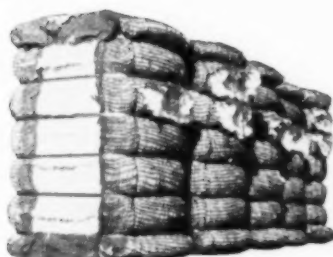
California members of National Cottonseed Products Association met with Association representatives on Sept. 10 at Bakersfield.

J. D. Fleming, Garlon A. Harper, Dick Phelps and Kenneth Lewis were NCPA staff members who discussed current problems and activities.



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AND BUCKLES**

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## Cotton Pests Developing Insecticide Resistance

Boll weevils and cotton fleahoppers have shown resistance to chlorinated hydrocarbon insecticides normally used for their control, Agricultural Research Service scientists announced last week. Tests conducted during 1958 in Central Texas confirmed the widespread nature of boll weevil resistance and included the first evidence of cotton fleahopper resistance. Dieldrin and toxaphene did not give satisfactory control of heavy infestations of weevils, and the fleahoppers resisted dieldrin, heptachlor, and toxaphene at strengths up to three times more concentrated than previously used.

## CCC Discontinuing Sales of Butter

USDA has announced that all domestic and export sales of butter by the CCC have been discontinued. The action was taken because remaining limited supplies in the CCC inventory are committed and purchases which have been at low levels recently may remain so during the fall months of seasonally low butter production. Butter price-support purchases during the current marketing year, which began April 1, were about 76 million pounds, compared to about 110 million pounds through August a year ago.

■ F. MARION RHODES, head of USDA's Cotton Branch, spoke at cotton industry breakfast meetings Sept. 9 at Fresno, Calif., and Sept. 10 at Bakersfield.

## Importance of Covering Bales Stressed

Ginners and farmers are being reminded of the importance of having heads of bales completely covered. As in recent years, USDA's cotton loan program requires that, to be eligible for either purchase or loan, each bale must have both heads covered. Since the rule was put into effect, all bagging has been cut at least 108 inches long. The National Cotton Council points out this is adequate to cover the great majority of bales, but that it is extremely important for press hands to dress the press platen with an equal amount of bagging overhanging on each side.

In case of extremely large bales, 108-inch bagging may not be sufficient to cover the heads completely. This is even more reason to keep bale weights near the 500-pound level.

## Pelleting Gives Faster Gains, Costs More

Pigs fed pelleted rations gain faster on less feed than those fed rations in meal form, but pelleting expenses resulted in higher feed costs, according to research done at South Dakota State College.

Pigs on pellets gained 3.4 percent faster on 2.9 percent less feed, but a cost of \$6.50 a ton for pelleting made gains from this feed more costly.

## To Make Non-Wovens

### Paper and Textile Firms Form Subsidiary

To make non-woven fabrics, Kimberly-Clark Corp. and J. P. Stevens Co. have formed a jointly-owned subsidiary.

The new firm, which will get up to \$5 million from the leading paper and textile companies which organized it, will have a plant at Westfield, Mass. Both of the parent companies now produce non-wovens.

(A comprehensive article on non-woven materials, written by George Pfeifferberger, Plains Cotton Growers, Inc., appeared Aug. 22 in The Press.)

## New Cotton Strains Shown

A field demonstration on three strains of cotton was held recently at the S. A. Camp Co. Circle Ranch, near Bakersfield, Calif. Kern County Farm Advisor George V. Ferry said the strains, which show possibility of being used in California cotton production, were developed at the Shafter Experiment Station and are now being used in large scale field tests.

## Dr. George Walker Elected

Dr. George Rea Walker of the Stoneville Pedigreed Seed Co., Stoneville, is the new president of Mississippi Association of Commercial Plant Breeders. He succeeds Early C. Ewing of the Delta and Pine Land Co., Scott. The secretary is Seymour Johnson of the Bobshaw Pedigreed Seed Co., Indianola.



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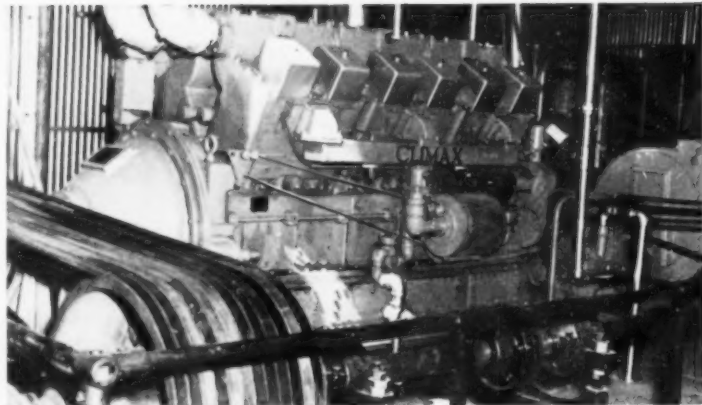
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SEPTEMBER 19, 1959

# from Irrigation to Ginning...

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R-165	6½ x 7	1238	97	109	119	125	...	...	...	...
K-67	7 x 7	1616	131	147	160	164	132	151	168	192
K-75	7½ x 7	1855	150	168	185	190	150	170	192	220
V-80	7 x 7	2155	169	190	208	214	170	194	218	250
V-85	7½ x 7	2474	200	222	240	246	198	228	254	285
V-122	7 x 7	3232	262	295	318	326	264	304	334	380
V-125	7½ x 7	3711	305	344	372	383	296	345	392	444

Typical CLIMAX gin installation—supplies all the power for a Texas co-operative.

—His Mother Said He Could Work . . .

## Bob King Has Made Fine Record

**B**OB KING should have been in school. But he was a lot more interested in learning how to run all the fascinating machinery at the oil mill in Hillsboro, Texas.

"I'm not going to school, even if I don't get a job here," he told the late Ed Woodall, head of Hill County Cotton Oil Co. in 1909. Woodall agreed to hire him provided that he could get written permission from his mother.

Hill County Cotton Oil Co. never made a better deal.

R. L. King, superintendent, observed his fiftieth anniversary with the mill on Sept. 1, and grateful officials presented him with a gold watch.

Furthermore, Evelyn Vaughan, secretary of the firm, presented a gift of appreciation to Mrs. King, for having lived so long with a man who is so devoted to his work. (Evelyn could appreciate Mrs. King's problems more than most—she not only is secretary of the mill, but has to put up with a husband equally loyal to his firm, S. J. Vaughan, Jr., president and general manager.)

Outside of the oil mill, his only inter-

ests are his family, baseball and the Texas Christian University football team.

Bob King "does his oil milling" during the slack season. Each piece of equipment gets careful inspection and any needed replacements and repairs are made before crushing starts.

He works up to the last minute, probably noon, and then phones Mrs. King, "Throw your clothes in a bag, we're starting on our vacation."

Such painstaking care pays off in high efficiency at the Hillsboro oil mill. Other superintendents often call on King for advice. And when USDA authorities from the Southern Regional Research Laboratory at New Orleans visited the mill, they were greatly impressed by the quality of the cottonseed meal produced.

"Bob King never takes anything for granted," commented S. J. Vaughan, III, vice-president of the mill.

Mrs. King might argue that he sometimes takes for granted her ability to get ready for a vacation, but she and their five children can be proud of the fine record of service that Bob has made in the 50 years since his mother gave him permission to work at an oil mill.

### At Memphis Meeting

#### USDA and Merchants Discuss Marketing

The widely-criticized regulations governing marketing of Plan A and Plan B cotton were discussed Sept. 18 at a meeting in Memphis.

Cotton merchants, ginners and others concerned met with representatives of USDA to air complaints and hear explanations of the marketing system this season.

#### Cotton Picker Operator Schools in Tennessee

Two mechanical cotton picker operator schools have been held in Lauderdale County, Tennessee, and two more are scheduled for Dyer County, Assistant Agricultural Engineer James A. Mullins reports.

Interest in mechanical harvesting is high this year with operators showing more interest in quality preservation than ever before, Mullins says.

#### Farm Employment Drops

During the last full week of August, the number of persons working on farms totaled 8,800,000, four percent less than for the comparable week of 1958, according to USDA. Of the total, six million were family workers, about three percent less than a year earlier and about nine percent below the August average for the five previous years. Hired farm workers in late August this year were estimated at 2,800,000, about seven percent less than a year earlier and five percent less than the August five-year average.

#### • Arizona Winning Bollworm War

ARIZONA reports excellent progress in the fight on the pink bollworm this season. Ginners, crushers, growers and others, working through Arizona Cotton Growers' Association, have invested large sums in eradication measures against this cotton pest.

Field inspections have indicated that plow-up dates, poisoning and other control measures have greatly reduced or eliminated infestations in Arizona counties.

Fourteen gin trash machines, partly financed by a \$30,000 grant from the Association, are currently operating to find bollworms reaching gins.

#### Cotton Prospects Unchanged

Cotton prospects in the third week of September were about the same as on Sept. 1, when the USDA crop report (on Page 28) was compiled. West Texas is dry and parts of the Southeast had too much rain for best harvesting conditions; but indicated yields should be realized over the Belt if weather continues clear and warm.

#### Action on Cotton Bills

The Senate failed to act on the Abernethy research bill before adjournment, but action can be taken when Congress reconvenes. The two-year extension of PL 480 passed Congress, and provides for purchase of fats and oils for donations in quantities sufficient to maintain support price levels on cottonseed and soybeans.

■ GUY SCHILLING, USDA, Washington, discussed foreign markets for U.S. cotton at a Fresno Cotton Exchange breakfast meeting Sept. 18.

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## New Mexico University Will Have Water Conference

The fourth annual New Mexico Water Conference will be held Nov. 5-6, according to Dr. H. R. Stucky, chairman of the New Mexico State University Water Conference Committee.

Among the speakers will be New Mexico Governor John Burroughs, who will discuss the general water problem in New Mexico; Honorable Tom Morris, Tucumcari, representative in Congress from New Mexico, who will discuss national water legislation; Ross Malone, president of the American Bar Association, Roswell, who will explain how water laws affect New Mexico; Irvin Moise, justice of the New Mexico Supreme Court, Santa Fe, who will give his concept of beneficial use in water law, and Wayne Criddle, Utah state engineer, Salt Lake City, who will speak on competition for water among various uses in Utah.

## Tahoka Gin Elects

Tahoka Farmers' Co-op Gin has elected new officers and directors, Curtis Stevens, manager, reports.

Officers include John F. Thomas, president; T. D. Dunlap, vice-president, and J. O. Allen, secretary. Named to the post of director were Charlie Lichey, O. E. Terry, Cleve Littlepage and Louis Smelser.

■ OWEN W. and J. A. BARKER have bought the gin and other properties of Wesson Oil & Snowdrift Co., Southern Cotton Oil Division at Allendale, S.C.

## • Protein Leader Will Work in Israel

DR. AARON M. ALTSCHUL, New Orleans, USDA authority on protein from cottonseed and other seeds, is spending 60 days in Israel to aid in improving diets through increased use of vegetable proteins.

Working under the auspices of the United Nations Food and Agriculture Organization, Dr. Altschul will visit Rome before going to Tel-Aviv. His wife

and youngest daughter, Judy, accompany him.

Dr. Altschul has frequently contributed articles to The Cotton Gin and Oil Mill Press; and a staff article in our Sept. 5 issue discussed the worldwide interest in overcoming protein deficiencies by use of cottonseed flour. His trip to Israel is associated with this problem and the work which Dr. N. S. Scrimshaw and others have done in Central America and Panama.

## Cotton Ginned to Sept. 1

The following table shows the number of bales of cotton from the crop of 1959, ginned through Aug. 31, by states, with comparable figures to the corresponding date in 1958 and in 1957, as reported by the Bureau of Census.

(Running bales; linters are not included)

State	1959	1958	1957
United States	1,045,614	1,007,493	939,677
Alabama	70,663	50,189	104,971
Arizona	10,114	11,697	11,620
Arkansas	1,369	—	259
California	13,027	7,873	3,374
Florida	3,543	3,231	4,300
Georgia	132,803	93,264	148,466
Louisiana	12,790	25,745	29,660
Mississippi	30,519	4,911	72,190
South Carolina	73,607	22,714	60,222
Texas	697,179	787,869	534,615

The 1959 figures in this report are subject to revision when checked against individual reports of ginneries being transmitted by mail.

The U.S. total for 1959 includes 150,472 bales of the crop of 1959 ginned prior to Aug. 1 which was counted in the supply for the cotton season of 1958-59, compared with 212,569 for 1958 and 230,756 for 1957.

Cotton consumed during July, 1959, amounted to 650,449 bales. Cotton on hand in consuming establishments on July 31, 1959, was 1,103,507 bales, and in public storage and in compresses 7,578,769 bales. The number of active consuming cotton spindles for July was 17,501,000. Imports during June, 1959, were 2,169 bales and the exports of domestic cotton, excluding linters, were 236,054 bales.



DR. AARON ALTSCHUL



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Access Door and Catwalk for safety and convenience. Door is all steel, flush mounted, steel framed, industrial type. The catwalk has a perforated safety grip-strut surface.

Accessories for Seed House. A custom seed hopper can be located on seed house at customer's option—mounted directly into the seed house structure, no separate stand needed. Shed for trailer storage also available at extra cost. Pre-drilled holes allow the addition of this accessory at any time by simple bolting procedure.

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PLANT LAYOUT

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## • Lummus and Platt Sign Agreement

LUMMUS COTTON GIN CO., Columbus, Ga., has announced an agreement with Platt Brothers and Co., Ltd., of Oldham, England, whereby Platts will manufacture, sell and service Lummus equipment throughout the world, with the exception of the United States, Mexico, and Central America.

This agreement, which went into effect on June 1 of this year, has made it possible for Platts to manufacture all items of Lummus gin machinery in their Hartford Works in England. The items manufactured in England will be identical to the Lummus design and are being made from original Lummus drawings. The first equipment has begun to roll off

Platts assembly lines and has been checked by Lummus engineers to make certain that it is in keeping with American standards of accuracy.

The new machinery, which will be called Platt-Lummus, will be sold and serviced through Platt's world-wide sales organization, which reaches to the four corners of the earth.

Platt-Brothers and Co., Ltd., is a very old textile machinery manufacturing concern with headquarters in Oldham, England. Platts manufactures a complete line of textile machinery, including opening, carding, spinning, and weaving machinery. Platts has long been a leader in the development and manufacture of roller ginning machinery and their name in this field is well known throughout the world. This year, there will be a new Platt 60-inch Roller Gin in operation in the U.S.

## Machines To Pick Most Of Arizona Cotton

More than half of Arizona's 1959 cotton crop will be harvested mechanically says E. S. McSweeney, Arizona Cotton Growers' Association.

University of Arizona estimates that the 1,517 picking machines which were operated in Arizona last year gathered just over half the crop. This time those machines will be operated more hours and their number is increased by more than 70.

"Farmers aren't laying out \$14,000 for one-row pickers, or \$18,000 for two-row models, just to get rid of their money," comments Dan W. Clarke, president of the Arizona Cotton Growers Association. "Circumstances are compelling them to make these heavy investments in mechanization."

The trend is marked by a sharp decrease in requests for Mexican braceros, and in open declarations by scores of farmers that they are forever through with hand pickers.

But there will still be work for every one willing to pick cotton. Despite the strong shift toward mechanization, human pickers will have no trouble finding jobs that pay the able-bodied and industrious \$9 to \$15 a day.

"There has never been enough good hand pickers and I don't think there ever will be," McSweeney asserts.

## Cotton Moisture Service Started in Tennessee

Tennessee Extension Service initiated on Sept. 14 a seed cotton moisture content reporting service from the West Tennessee Experiment Station for the cotton farmers in their area.

The moisture content of seed cotton in the field is determined at 6, 7, 8 and 9 o'clock. This information is supplied to three radio stations and is broadcast every hour and half-hour from 6 until 9 a.m., according to James A. Mullins, Extension specialist.

## Exchange Set Dates

Oklahoma State Cotton Exchange will hold its annual meeting March 4-5 at the Biltmore Hotel in Oklahoma City, Elwood Hopkins, president, has announced.

## J. W. Simmons Doing Well

J. W. Simmons, Sr., president of Simmons Cotton Oil Mills, is at his home in Dallas recovering from an operation.

## Cotton Workers Plan Future Activities

Dr. Webster Pendergrass, dean of agriculture, University of Tennessee, opened a two-day meeting of all Tennessee Cotton Research and Extension workers, Sept. 10, at Knoxville. Dr. John Ewing, director of the Experiment Station presided. Over 50 workers reviewed the cotton work done in the state and made recommendations on new activities.

One of the speakers on the program was Dr. K. L. Hertel, University of Tennessee physicist and originator of several fiber testing instruments. The group toured the USDA Cotton Farm and the USDA Cotton Spinning Laboratory.

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## • Deep Plowing Helps Control Root Rot

FARMERS in the Texas Valley who have used deep tillage to increase yields, through eradication of alkali and hardpan and general rejuvenation of the soil, have found that this practice has an important side effect, the apparent control of cotton root rot, an article in Texas Farming and Citriculture points out.

Root rot damage has been heavy in 1959 over much of Texas. (Some estimate that almost a third of the Valley's 493,783 acres this year were infected with root rot.)

The disease has been virtually eliminated in many fields that have been deep plowed. There are two reasons for this: First, the host plants—the cotton stalks and trash—are buried. Thus they rot, and in the decomposition eliminate the host for the fungi that cause root rot.

Second, the fungi are buried so deeply that they cannot possibly get to the new cotton seedlings to make hosts of them.

To quote one of the farmers who has had root rot control as a result of deep tillage, "of approximately 700 acres of cotton in 1957, over a third was lost to root rot. Last year the disc tillage cleared up 95 percent of the root rot and it looks like the other five percent is gone this year."

The speaker is R. D. Smith of Lyford whose foreman, R. A. Passmore, added, "the truth is, this land had never been really opened up. This year our root rot has been completely eliminated and one factor I attribute it to is the aeration of the soil."

R. D. Arnold of Pharr says that root rot was a serious problem on his cotton land. Using a reversible three-bottom disc plow, equipped with 38-inch blades with 6.5-inch concavity and powered by a track-type tractor, they turned their land at a 14-inch depth.

They found that the plow was capable of handling large tonnages of crop residue. This year the root rot problem has not shown up and the land seems to be cleared up.

## Mechanical Picking Show

Arizona Extension Service will conduct a demonstration of mechanical cotton picking machines, Sept. 25 near Safford and Oct. 16 near Yuma.

The first demonstration will begin at 1:30, Sept. 25, at the Scott Pace Farm in Graham County. This demonstration will follow a field day at the Safford Experiment Station in the morning. John Sears, county agent from Graham, will be in charge. Topics to be discussed will include research results of cotton picking machinery versus hand-picked cotton, and the adjusting of equipment. Cotton on the Pace farm was defoliated Sept. 10 in preparation for the cotton picking demonstration.

## Oil Mill Offices Moved

Mississippi Cottonseed Products Co. offices in Jackson, Miss., now are on the tenth floor of Lamar Life Building. They formerly were on the twelfth.

## NCPA Directors To Meet

Directors of National Cottonseed Products Association will hold their fall meeting in Memphis on Sept. 29.

## Coll Named President

Britton Coll of Artesia, former director of the New Mexico Crop Improvement Association, was elected president at the recent meeting at University Park.

L. C. Strawn, Tucumcari, is the new vice-president. Willard Bradshaw, Artesia, outgoing vice-president, and W. F. Hayner, Las Cruces, a former president, were named new directors. John T. Stovall, University Park, was reappointed administrative officer.

Association officials recommended \$130 a ton as a wholesale price for cottonseed. Suggested retail price was \$165 a ton.

Officials also agreed to change the

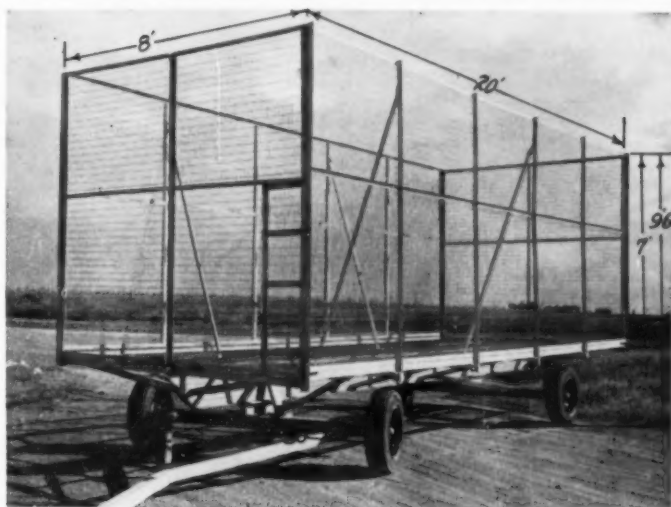
classes of 1517 cotton planting seed. Heretofore seed has been tagged foundation or certified. In the future it will be marked foundation or registered seed.

## Benson To Visit Seven European Countries

Secretary Benson is visiting seven European countries, Sept. 23-Oct. 9, as part of a long-range world agricultural trade and market development program.

Benson is visiting Yugoslavia, West Germany, Poland, Soviet Union, Finland, Sweden and Norway.

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Now, two styles — one for Mechanical Picker Dump or a Trailer designed for pulling behind a Cotton Harvester. "A Full 80" Tread." It's easier to pull thru the field.

The entire Chassis is painted with the Best Quality Paint.

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*Sounds Simple, but . . .*

## There's More to a Maid Than Meets the Eye

**A** GLAMOROUS GIRL steps on stage. Poised and pretty, she personifies magnolias and mint juleps—fleecey fields of cotton—for her audience, though few of them may have ever been south of New York's Worth Street or west of the Atlantic Ocean.

She's the Maid of Cotton—a worldwide, powerful sales force for cotton. Always sedate and dignified, Cotton's Maid is a refreshing contrast to some of the daughters of Eve undressed by press agents in behalf of other products.

A search for a new Maid of Cotton began recently and will continue until she is chosen in the finals at Memphis and starts her worldwide tour late in January, 1960.

Sounds simple, doesn't it? Just pick a pretty girl to sell cotton. But, it's complicated; and the things that happen behind the scenes of the Maid of Cotton contest and tour often are unbelievable, amusing and sometimes sad.

So are things that have happened in the short time that the National Cotton Council has had its Little Miss Cotton contest. This is the program designed to pick a six to ten-year-old charmer to make more mommas pick cotton.

How would you like to stir up together 17 little girls, 17 fond mommas, five judges and the Memphis Cotton Carnival—all at one time? The Council's staff has done just that—as well as handle many Maid of Cotton contests and tours—but it hasn't been easy. Here are a few glimpses behind the scenes:—things that are funnier to Council staff members now than they were when they happened:

- **Little Miss**—Chiquita Ballard, the El Paso finalist, broke into tears at the farewell party when she discovered her grandmother had eaten the cup cake with Chiquita's name inscribed in icing on top. . . . When asked on the auditorium stage about her favorite school subject, one finalist said it was "recess" . . . . Another said she did spelling best and proved it by spelling M-I-S-S-I-P-P-I. . . . A Mid-Western finalist had ambitions to be an actress, as a matter of fact, she wanted a part in "Kittycat On a Hot Tin Roof" . . . .

- **Bigger Miss**—One contestant submitted a photograph of herself standing on her head while playing the accordion, a dubious talent, which neither the single nor combined talents of the Council staff could figure out how to use in the National Maid of Cotton tours. . . . A letter arrived from a convict in prison highly recommending his girl friend for the Maid's job, and he thoughtfully enclosed his moll's picture. . . . Then there are the girls who spell cotton with an "e" . . . . girls who are too fat, too short, too thin, too old, too young . . . . and just too too. . . . One finalist upon being notified of her selection promptly withdrew, evidently stung by conscience; it turned out she was not born in a



COUNCIL Staff Member Marion McAuley identifies Ann Summers as she arrives for the Little Miss Cotton Contest, which Ann won in 1958.

cotton-producing state, as she had written on her application, but in that great non-producing area known as New York City. . . . Illness takes its toll of finalists, and it's fairly common for some to bow out to get married . . . . guess the sudden fame for his sweetheart provided just the push needed to make a panicky suitor pop the question . . . . and when the finalists get to Memphis for the intensive two-day judging, they manage to lose purses, mislay tickets and break out in red splotches of nervous rash.

- **Biggest Mess**—Marion McAuley of the Council staff, who met all incoming planes carrying would-be Miss Little Cottons, at home after the contest talked in her sleep, thrashed around in bed and kept mumbling "line 'em all up against

the wall and be sure there are 17 . . . . there's got to be 17 . . . . " . . . . Charlott Norman when it was all over, quote: "Little Miss Cotton may be the new ambassador to the grammar school set, but I'm the new ambassador to the tired blood set. . . . " . . . . There was also a rather touching scene, when all those losing youngsters started to sob (that figures out to 16 crying little gals, to which you can add several crying mothers and assorted relatives) . . . . Wrap-up comment by hard-bitten cigar-chewing Bill Evans, stage manager at Ellis Auditorium . . . . wiping a tear out from under his glasses he whispered gruffly, "Cutest danged bunch of kids I ever saw in my life . . . . "

At the auditorium on the last night during the Maid of Cotton finals, harried staff members, besides coping with countless details must ward off eager relative, amateur moviemakers, and that ubiquitous character—the leering bystander. "The night before Chancellorsville," is the term which has been used to express the mood backstage on that last night—and aspirin sales really soar in Memphis. Organized mayhem—midnight in a madhouse . . . . this year the Master of Ceremonies suffered a deep gash in his hand when a door slammed on him. First aid was administered by a Council stalwart, and the Navy Shore Patrol as the MC was heard to comment . . . . "I'm the only man who ever bled for the Maid of Cotton contest . . . . " . . . . well, all hands breathe a mighty sigh of relief when the Maid's (little and big) plane finally takes off for New York with her managers . . . . and those left behind on the ground, go quietly into a state of deep shock.

## Safflower Questionable As Crop for Texas

Safflower still has to prove itself as an oilseed crop for the Texas High Plains, where the crop has been receiving promotional backing.

Lubbock Experiment Substation safflower yields this year ranged from 323 to 463 pounds per acre, Jack King, agronomist, reported.

"Until we learn a lot more about safflower, I don't think it'll be very feasible for farmers to plant it," King said. "We need to know more about proper planting dates, for one thing."

Eight varieties were tested at the Station, and King says that "we couldn't see much difference in them." The safflower was planted March 18, came up March 30 and was harvested Aug. 12.

At present prices, King said, safflower in the tests would have returned about \$15 per acre at a production cost of approximately \$55 an acre under practices used.

### New Bulletin

#### CONSUMERS' CONCEPTS OF FABRIC

A marketing study of the relative importance of fabric characteristics in the selection of women's clothing has recently been published by the Agricultural Marketing Service, Marketing Research Division of USDA.

Marketing Research Report No. 338, "Consumers' Concepts of Fabric," may be obtained from the Superintendent of Documents, U.S. Government Printing Office, Washington 25, for 40 cents a copy.



## Khapra Beetle Regulations Include Some Texas Areas

Ten premises in El Paso and Hudspeth Counties in Texas have been added to the Federal Khapra beetle regulated area under a USDA order effective Sept. 9. Nineteen Texas properties, in which the khapra beetle infestation had been found since Feb. 9, have been fumigated under Texas State regulations. Some of these properties have been released from quarantine restrictions; others will be kept under observation for a year following treatment.

Another property in Arizona also has been designated a regulated area. Two properties, one in Arizona and the other in New Mexico, have had their regulated status revoked.

## Co-op Gin at Wells Elects

Cecil Dorman will serve the Wells Co-op Gin, near O'Donnell, Texas, as president during the coming season.

Other officers are Arlys Askew, vice-president; D. B. McMillan, secretary; D. H. Bolch and J. F. Brandon. Manager is B. J. McLaurin.

## Castro Gin Holds Meeting

Members of Castro Co-op Gin near Dimmitt, Texas, have elected Melvin Summers president. Other officers and directors are Jess Wooten, vice-president; H. C. Nelson, secretary; Roy Cluck and G. R. Adams. Manager is Jack Tucker.

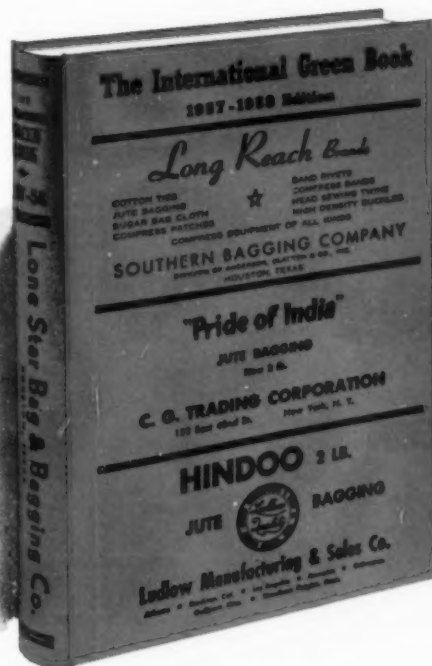


## Watson Appoints Pieratt

APPOINTMENT has been made of W. H. (Bill) Pieratt as sales representative for Ferris Watson Seed Co., in the southern half of Texas. He comes to the firm with a background of 20 years experience in sales and agriculture. Pieratt, a stock farmer in Lee County, has made his home for many years in Giddings, Texas, is married and has four children. His eldest son is now a student in the University of Houston. He is co-owner of the Giddings Drug Store, a member of the State Legislature, and has been active in civic affairs. He has served as president of his local Farm Bureau, on the School Board and Chamber of Commerce, and is a member of the Baptist Church and Masonic Lodge.

THE COTTON GIN AND OIL MILL PRESS  
SEPTEMBER 19, 1959

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## Oil Mill Equipment for Sale

**FOR SALE**—Filter presses, screening tanks, expellers, linters wood or steel, single and double box all-steel linter baling presses, Bauer #199 seed cleaners and separating equipment, 42" and 60" rolls, 30" to 48" bar and disc hullers, 72" and 85" stack cookers, various size filter presses, boilers, Roots blowers, hydraulic press room equipment, hull beaters, attrition mills.—V. A. Lessor & Co., P. O. Box 108, Fort Worth, Texas.

**FOR SALE**—2 French 4-ear screw presses, 9" extension, 75 h.p. motors, French 60" rolls. Carver 141-saw linters, Bauer 199-60" seed cleaner, 198 hull beater, 153 separating unit, Butters 141-saw machines, 36" and 42" Chandler hullers, Carver 48" huller, 36" attrition mills, Motors and starters. All-steel sand and boll reel, Filter press, Roots #7-17 blower and pipe, D-K hull packer, 72" French cookers, Fort Worth lint cleaners, Exhaust fans, Spindles & Cook Machinery Co., Inc., 159 Howell St., Dallas, Texas. Telephone RI-7-5958.

**OIL MILL EQUIPMENT FOR SALE**—Rebuilt twin motor Anderson high speed expellers, French screw presses, stack coolers, meal coolers, fourteen inch conditioners, filter presses, oil screening tanks, complete modern prepressing or single press expeller mills.—Pittcock & Associates, Glen Riddle, Pennsylvania.

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**FOR SALE**—Three 3-high 72" French cookers, 24" jacketed rings, jacketed bottoms, complete with silent drives. Excellent condition.—Guthrie Cotton Oil Co., P. O. Box 446, Phone Butler 2-4400, Guthrie, Oklahoma.

## Gin Equipment for Sale

**FOR SALE**—3-90 1954 Model complete Murray outfit to be moved. With 14' bar machine, 24-shelf tower drier, 72" cleaner, special Super Mitehl, etc. This gin has only ginned 2,485 bales.—Bill Smith, Phones OR 4-9626 and OR 4-7847, Box 694, Abilene, Texas.

**FOR SALE**—One Moss Cleanmaster lint cleaner and three Lummus Jet lint cleaners. Cades Gin Company, c/o Fuqua Cotton Company, Milan, Tennessee. Telephone MU 6-1451.

**FOR SALE**—Six Continental re-gin stands. Fully equipped with latest type pulleys. Price \$3,900 F.O.B. Bakersfield, Calif.—S and F Cotton Company, Paul Falkenstein, owner, P. O. Box 1502, Bakersfield, Calif. Phone FAirview 5-7419.

**GINNER WANTS TO RETIRE**—Has for sale completely reworked 4-80 saw outfit—ready to run. All-steel machinery, ample drying and cleaning. Moss lint cleaner, good power, large gin buildings in good condition, 30' x 50' seed house. Closest competitor 16 miles—good crop prospects.—Box 19, The Cotton Gin and Oil Mill Press, P. O. Box 7985, Dallas 26, Texas.

**FOR SALE**—One Moss Cleanmaster lint cleaner.—Bradford Gin Company, c/o Fuqua Cotton Company, Milan, Tennessee. Phone MU 6-1451.

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**SPECIAL BARGAINS**—Steel cleaners: 4- and 6-cylinder 72" blow-in and two 4-cylinder 50" incline Continentals, one 5-cylinder 50" Hardwicke-Etter blow-in, two 6-cylinder 50" Gullett blow-ins, 6- and 12-cylinder Stacy cleaner-drier, 4-cylinder 90" Lummus, two Thermos, 6-cylinder Cen-Tennial airline, One 50" Hardwicke-Etter and 48" Lummus cleaner separators, One 3-90 Hardwicke Etter distributor, 48" and 72" Continental side draft and 60" Murray down draft condensers. One practically new Hardwicke-Etter double hopper seed scale with steel supports and seed blow box. Steel tur machines: 14' Murray left-hand and 2-10' Lummus, Murray unit type lint cleaners and one No. 18 Big Reel, Mitchell 60" Supers and Super Jems, Hardwicke-Etter and Continental back gear driven press pumps. One 20' Continental 9" screw elevator, 1 1/2- and 1 1/4-million BTU heaters. New tower driers in all sizes. Special heat resistant flighting for separator vacuums. Electric motors from 10 to 100 h.p. New and used fans, belting, conveyor trough and a general line of transmission equipment. Several 70-saw Murray gins and Standard Mitehl feeders, \$25.00 each. For your largest, oldest and most reliable source of used and reconditioned gin machinery, contact us. Call us regarding any machinery or complete gin plants which you have for sale or trade.—R. B. Strickland & Co., 13-A Hackberry St., Phone: Day or Night: PL-2-8141, Waco, Texas.

**FOR SALE**—Four Lummus Jet lint cleaners.—Farmers Gin Company, c/o Fuqua Cotton Company, Milan, Tennessee. Phone MU 6-1451.

## Equipment Wanted

**WANTED to buy**—Feeders, separators, cleaners or what have you. Night or day, phone 805, Littlefield, Texas, 610 West Delano Street.

**WANTED**—Ten 90-saw gin stands, Murray or Continental, in good working condition.—P. O. Box 1368, Brownsville, Texas.

**WANTED**—Large steel bulk storage tanks, for soybeans.—Selma Soybean Corporation, Selma, N.C.

**WANTED**—One 5-90 all-steel complete gin outfit to be moved. Will consider reasonably late model 5-80 outfit. No junk will be considered. State the equipment in gin and price first letter.—Bill Smith, Phones OR 4-9626 and OR 4-7847, Box 694, Abilene, Texas.

## Personnel Ads

**WANTED**—Top experienced gin salesman willing to work anywhere in cotton growing area of U.S. Position now open. Salary and incentive basis.—Box 8, The Cotton Gin and Oil Mill Press, P. O. Box 7985, Dallas 26, Texas.

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**SCALES FOR SALE**—Several used truck and cattle scales, 16", 22" and 34". Guaranteed service anywhere, anytime.—Lewis Scale Service, Clarence E. Lewis, 1609 42nd St., Lubbock, Texas. Phones: Slierwood 4-7489, Slierwood 4-3760.

**SEE US** for parts for all models Minneapolis-Moline engines and Seal-Skin Belt Dressing.—Fort Worth Machinery Company, (Rear) 913 East Berry Street, P. O. Box 1575, Fort Worth, Texas.

**AUTOMATIC SAMPLER** for sale. Complete with valve. \$800, quick sale.—Saul Johnson, Mgr., Chandler Gin Co., Chandler, Arizona. Phone YO 3-6645.

**HART COTTON MOISTURE METERS** may be ordered through Leo Gerdes, Box 373, Leland, Miss.; Gordon Equipment Company, Fresno, Calif.; The Murray Co. of Texas, Inc., Fresno, Calif., or Dallas, Texas; Moss-Gordin Lint Cleaner Company, Lubbock or Dallas, Texas; or direct from Hart Moisture Meters, 336 W. Islip Blvd., Babylon, Long Island, N.Y. Prices FOB Babylon. Battery Units: Type R41B, \$231 and R41 with lower moisture range, \$196; Type CU2, \$280; Type K101, \$360; Type K103, 110-volt plug-in, \$400; plus Bale and Traler Probe, \$30; Seed Cotton Cup, \$20. Cotton picker.

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**FOR SALE**—(1) 150 HP New GE Slipping Motor, 3/60/440/720 RPM. Type M. Ball Bearing. Open Dripproof, \$3,875.00 Net.  
(2) 200 HP New Master Slipping Motor, 3/60/440/900 RPM. Ball Bearing. Open Dripproof, \$5,130.00.—W. M. SMITH ELECTRIC CO., 3200 Grand Ave., Dallas, Texas.

**FOR SALE**—One Le Roi L3000-RXISV 12-cylinder 300-350 h.p. Cotton gin equipped, guaranteed in operating condition. Priced low to move. One General Motors diesel twin-6-cylinder, cotton gin equipped, guaranteed in operating condition—300 h.p. 6 1/2 1800 RPM. Priced low to move. One Minneapolis-Moline Twin 6 Model 1210-12A, cotton gin equipped, guaranteed in operating condition—200 h.p. Priced low to move.—W. M. Smith Electric Company, Hamilton 8-4606, 3200 Grand Avenue, Dallas Texas.

## U.S. Foods to Be Shown At Fair in Cologne

"Quality Foods from Farms of America" will be the theme of an exhibit at the International General Provisions and Fine Foods Exhibition in Cologne, West Germany, Sept. 26-Oct. 4, USDA has announced.

The exhibit, sponsored by USDA and cooperating U.S. agricultural trade associations, will be presented as part of USDA's continuing program to expand foreign markets for U.S. farm products.

Commodities to be displayed will be soybeans and soybean products; frozen packaged foods; fruits and fruit products; wheat and wheat products, and rice and honey. Samples of doughnuts, fruit juice and toasted soybeans will be given away, and samples of cooked poultry will be sold.

The exhibit, which will cover 18,000 square feet, will typify rural America. It will depict a U.S. farmstead with product displays built into models of buildings and structures ordinarily seen on U.S. farms.

A modern demonstration kitchen will show fair visitors the many ways of preparing U.S. foods, and a full-time staff will furnish information about the commodities displayed. Wilbert Schaal and George E. Wanamaker of USDA's Foreign Agricultural Service will manage the exhibit.

The Federal Republic of Germany in recent years has been the third largest foreign market for U.S. farm products. It took over \$722 million worth in 1958.

## Chemical Finishing Group To Meet in Washington

Several new non-resin finishes which show promise for wash and wear cottons will be discussed at the eighth annual Chemical Finishing Conference to be held in Washington at the Mayflower Hotel, Oct. 7.

Also to be discussed at the meeting sponsored by the National Cotton Council will be a silicone-based finish which provides durable water repellency for washable cottons.

Dr. Leonard Smith, utilization research director for the Council, says that this year's conference will be limited to one day and will immediately precede the national convention of the American Association of Textile Chemists and Colorists also to be held in Washington.

The conference program will consist of two sessions, each featuring three speakers. A buffet luncheon will be served between sessions. Dr. Smith says the conference will resume its usual two-day format next year.

### New Bulletin

#### DESCRIBES MACHINE FOR CAUSTICAIRE TEST

A new apparatus has been developed by USDA to permit rapid automatic processing of large numbers of cotton samples for the Causticaire test. It is described in a recent report issued by USDA.

The Causticaire test is a method of evaluating the fineness and maturity of cotton fibers.

The apparatus consists of a modified domestic washing machine and clothes dryer. It was designed by researchers of USDA's Agricultural Marketing Service and built by Custom Scientific Instruments, Inc., and United States Testing Co., Inc.

For the Causticaire test, cotton samples are treated with caustic soda. Hand processing of test samples is hazardous to personnel, as well as time-consuming and costly when a great many samples must be tested. The automatic Causticaire machine and dryer will process larger numbers of samples safely and quickly.

"Apparatus for the Causticaire Method of Measuring Cotton-Fiber Maturity and Fineness," AMS-329, may be obtained free from the USDA, Washington 25.

### Minter City Remodels

Minter City, Miss., Oil Mill has recently completed a remodeling program. Ed Sims is manager.

### Cotton Meeting Held

Cotton developments in Louisiana were discussed at a conference in Baton Rouge on Sept. 18.

### Bennett Joins Mills

George D. Bennett, Dallas cotton man, will become head of the cotton buying department of Mount Vernon Mills, Baltimore, on Jan. 1.

■ **DARRELL MANLEY**, formerly executive vice-president and general manager, has been elected president of Briggs-Weaver Machinery Co., Dallas.

## In Farm Magazine

### Editorial Criticizes SuPima Ruling

An editorial in the current issue of Arizona Farmer-Ranchman criticizes the recent ruling by the U.S. Tariff Commission which threatens to cripple the American long staple cotton industry. As pointed out earlier in The Press and in the report from our Washington Bureau in this issue, the ruling leaves the SuPima cotton industry largely at the mercy of foreign governments.

Arizona Farmer-Ranchman commented editorially, in part:

"By a process of logic incomprehensible to ordinary Americans, a majority of the U.S. Tariff Commission recommended to the President that no cut be made in the import quota for extra-long-staple cotton. In doing so it criticized the Department of Agriculture for advocating such a cut.

"USDA believes that the domestic growers of SuPima cotton should be allowed to profit from their own enterprise and ingenuity in developing a widely expanded U.S. market for extra-long-staple.

"But for the advertising and promotion campaign of the SuPima Association of America, there wouldn't be enough demand for this specialty cotton to mention above a whisper. But the market has been created, and what happens? Whatever price American farmers ask for their SuPima, Egypt offers cotton almost equal in quality at a cent or several cents less.

"Now it might be said cynically that if the American cotton grower is not able to compete with the Egyptian grower, the Egyptian deserves the business. But it is not as simple as that, not in this age of international intrigue and politically manipulated commerce. The Egyptian government controls all exports from that country and the exporters follow tactics laid down by Nasser and his ministers who are desperate for

dollars to keep their shaky economy going.

"The impossibility of meeting this sort of competition is apparent. But the U.S. State Department believes that it is essential to support Nasser and win his friendship by letting him grab off the cotton market that Americans have built. It has described the SuPima producers as 'expendable.'

"The arguments of the State Department have proved more persuasive, at least to three members of the Tariff Commission, than those of the SuPima Association and Department of Agriculture. They have told President Eisenhower that there is no justification for reducing the yearly import quota of 39,590,778 pounds of extra-long-staple, most of which is filled by Egypt.

"This leaves the domestic growers with nothing to do with this year's crop except to 'put it in the loan' at 65 percent of parity—a support level reduced sharply at their own request as part of their campaign to broaden domestic consumption of extra-long-staple.

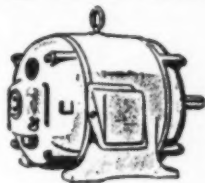
"It leaves USDA in an embarrassing and frustrating position, too. Again and again, Secretary Benson and others in the department have praised the SuPima people. The Secretary has said that if other agricultural producers would make similar efforts to find new uses and new outlets, there would be no farm problem.

"Now the Tariff Commission majority, overruling a minority of two, has said that the SuPima Association members should be good boys and meekly give up what they have created. This verdict is going to be remembered whenever farmers are urged to try to solve their own surplus problems by market promotion.

"It's too bad the SuPima farmers don't have a Suez Canal to block."

■ **FRANK B. TISDALE** is manager of Master Feed and Grain Co., Orangeburg, S.C. He has been with this firm, owned by Central Soya Co., since 1956, and before that managed Orangeburg Gin Co.

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## • U.S. Cotton Exports Likely to Rise

U.S. COTTON exports to Asia and Australia in 1959-60 should constitute a large proportion of total U.S. cotton exports, the Foreign Agricultural Service of USDA reports.

Shipments to Asia and Australia during 1956-57 (2,580,000) and in 1957-58 (1,932,000 bales) represented about 33 percent of the total U.S. cotton exports. For 11 months of the 1958-59 season they were about 45 percent of the total. This percentage increase was mainly due to the fact that exports to that area declined much less than to other parts of the world. Exports to Korea, the Philippines, and Formosa were actually higher than in previous years. However, exports to Japan were down by about one-half; and to India and Australia, about 40 percent.

Total U.S. cotton exports in 1959-60 are expected to be greatly above those in 1958-59. Shipments to Asia and Australia should also show a gain—possibly reaching 2,000,000 bales. Whether this figure is reached however, will depend on whether Japan will take one million bales or more. With competitive U.S. cotton prices, this should be possible, barring adverse factors such as trade agreements with other countries.

## Gin at Stanton Meets

Tom McCombs, manager of the Stanton, Texas, Farmers' Society, reports the following officers and directors elected: H. P. Morrison, president; Ted Stewart, vice-president; Curtis Erwin, secretary; Owen Kelley and W. J. Ringener.

# September Cotton Report

USDA'S September cotton report indicates production of 14,678,000 bales (500-pounds each). Ginnings to Sept. 1 were 1,045,614 running bales. The normal ratio of seed and lint indicates production of 6,090,000 tons of cottonseed from 1959 plantings.

These figures compare with 11,512,000 bales produced in 1958, 1,007,000 bales ginned to Sept. 1 last season and 4,798,000 tons of seed from last year's crop.

Indicated yield per acre is 470 pounds in 1959, highest on record. Last year's 466 pounds per acre was the previous record. The 10-year average is 329 pounds. Declines in prospects in Texas and a few other states more than offset improvement in the Mid-south, especially Mississippi, during August. This caused a net reduction of 37,000 acres from the Aug. 1 forecast. Details by states follow:

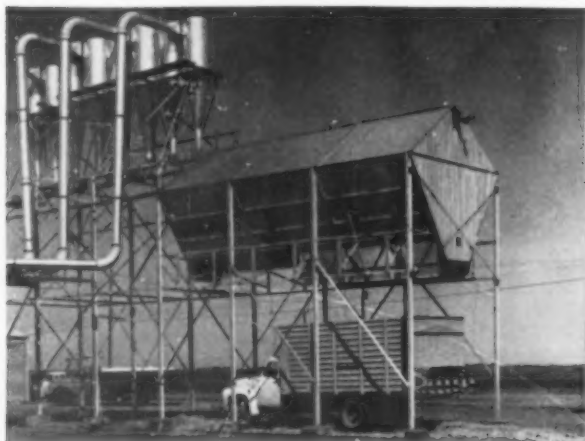
State	Acres for harvest 1959 <sup>1</sup>	Lint yield per harvested acre			Production <sup>2</sup> 500-pound gross weight bales		
		1948-57 average	1958	1959 Indic.	1948-57 average	1958	1959 Indic.
	1,000 acres	Pounds	Pounds	Pounds	1,000 bales	1,000 bales	1,000 bales
North Carolina	395	324	466	383	419	256	315
South Carolina	565	310	406	387	598	299	455
Georgia	660	284	443	418	655	352	575
Tennessee	515	392	501	550	572	419	590
Alabama	815	312	398	427	844	439	725
Mississippi	1,440	396	409	533	1,710	961	1,600
Missouri	400	396	446	540	386	275	450
Arkansas	1,295	386	436	524	1,429	925	1,415
Louisiana	495	396	392	475	624	297	490
Oklahoma	600	184	365	312	367	313	390
Texas	6,300	232	383	345	3,956	4,308	4,525
New Mexico	198	582	820	812	275	301	335
Arizona	380	831	931	992	740	734	785
California	875	748	1,049	1,086	1,424	1,604	1,980
Other states <sup>3</sup>	58	304	403	393	48	29	48
United States	14,991	329	466	470	14,046	11,512	14,678
American-Egyptian <sup>4</sup>	66.4	435	525	541	49.7	83.6	74.8

<sup>1</sup> Aug. 1 estimate. <sup>2</sup> Production ginned and to be ginned. A 500-lb. bale contains about 480 net pounds of lint. <sup>3</sup> Virginia, Florida, Illinois, Kentucky, and Nevada. <sup>4</sup> Included in state and U.S. totals. Grown in Texas, New Mexico, Arizona, and California.

■ HORACE ETCHISON, McAllen, Texas, was described recently by Texas Farming and Citriculture as having "a hand in just about every kind of Valley agriculture." He is past president

of Valley Ginners' Association, Texas Cotton Ginners' Association, Texas Citrus and Vegetable Growers' and Shippers' Association and other organizations, as well as mayor.

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By USDA Scientists

## Plant Growth Mechanism Has Been Discovered

The triggering mechanism for all plant development has been found by USDA scientists. The discovery promises to be the key to man's complete control of plant growth from seed germination through plant flowering and fruiting.

Scientists have recovered the pigment forms from corn plants and have removed some of the impurities. The material isolated is a protein, and functions as an enzyme. The pigment forms can be converted from one to the other outside of the plant, and this action can be detected by laboratory instruments. In the past conversion of one form to the other was detected only by plant response. Now the presence of each can be detected by absorption of red or far-red light.

As the pigment forms are purified further, scientists expect to identify and modify them at will, and thereby influence the character of plant growth.

The discovery opens the door to further research of this triggering action to enable man to tailor-make plants for his needs. Possible results are crops of special heights for better harvesting, flowering of plants at times convenient to man, or better control of plant pests.

Dr. Byron T. Shaw, administrator of USDA's Agricultural Research Service, hails the discovery as an outstanding basic research achievement. "It is the kind of discovery envisioned when the Department's new pioneering research laboratories were established. It provides means for the better control of plant development for specific purposes—for better food, fiber, and industrial raw material," he said.

Drs. Harry A. Borthwick and Sterling B. Hendricks at the Agricultural Research Center, Beltsville, Md., made the discovery in studying the effect of difference in the color and intensity of light on growth responses such as flowering, seed germination, elongation, and color production. Associated in the research also were Harold W. Siegleman of the Agricultural Research Service, and Carl Norris and Warren Butler, both of the Agricultural Marketing Service.

### Controlled by Light

It has long been known that light controls the reddening of apples by governing the formation of the coloring material. The side of the apple facing out from the tree is usually redder than the side facing the center of the tree.

Recently the critical range of light for apple coloring was found to be in the red region of 6,200 to 6,900 Angstrom units. Above this region the amount of reddening of the apple declines rapidly as the wavelength of light increases toward far-red.

With soybeans growing on short days and long nights, an extremely short exposure to red light during the night will prevent the plant from flowering. Conversely, an equally short period of far-red light causes the plant to flower. However, if the intensity of far-red light is increased 100 times, the plant again fails to flower.

Drs. Borthwick and Hendricks found growth responses to be governed by a reversible chemical reaction that is controlled by the color and intensity of light acting upon two pigment forms present

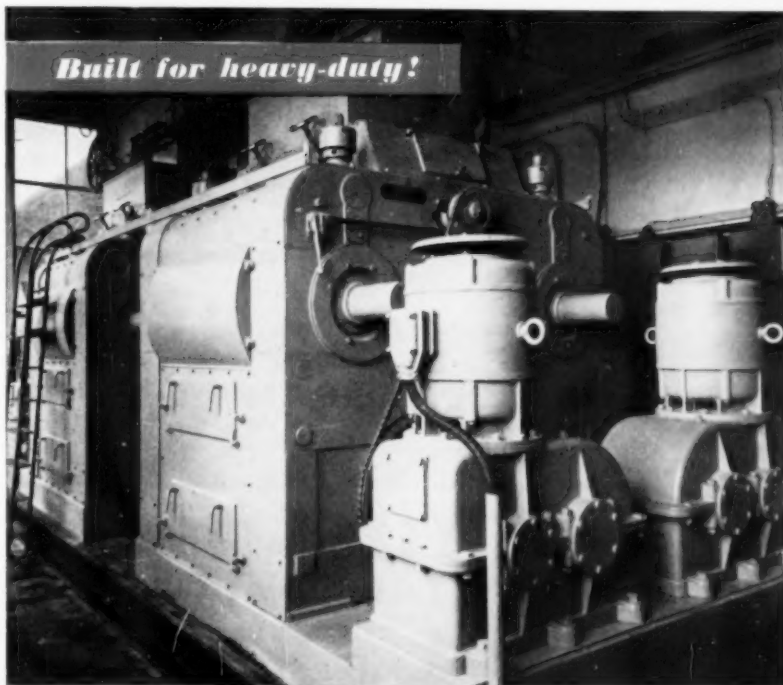
in plants in invisible quantities.

One form of the pigment absorbs red light and the other far-red light. The pigment form that predominates in a plant depends upon the color of light to which the plant is exposed. The form produced by the action of red light regulates plant growth and can absorb far-red light. However, if this form absorbs far-red light, it is converted back to the red-absorbing form that does not regulate plant growth.

To obtain the various colors of light for the experiment, the scientists directed white light from a high-intensity electric arc through a prism to break it into all

the colors of the spectrum as in a rainbow. The portion of light used in this work was the red part of the spectrum from yellow (5,800 A.) to far-red, near the limit of visible red light (7,000 to 7,500 A.), which is near the range of infra-red or heat energy. An Angstrom unit, a measure of wavelength of light, is one millionth of a centimeter.

It is the selective absorption of the various colors of light by the two pigment forms that apparently governs many phases of a plant's development, including flowering, germination, and elongation; and that promises to add even more knowledge of plant development.



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### Broom Finds Diamond For Oil Mill Man

A porter's broom located a diamond lost recently in Memphis by T. C. Potts, Crenshaw, Miss., oil mill man and livestock leader.

The family heirloom was swept from under a jewelry counter by George Harris, a porter who was cleaning up before store business hours.

The diamond was mounted in a gold setting which he wore as a tie pin. The jewel, which had been in his family for 75 years, was given him by his mother, the late Mrs. W. B. Potts. It came from her engagement ring.

### S. K. London, Ginner, Dies at Lubbock

Samuel Karl London, 55, died in a Lubbock hospital on Sept. 9. A resident of the Corpus Christi area for many years, he recently moved to Abernathy, Texas, to manage Cunningham Gin Co. He had been ill several weeks.

London had been a director of Texas Cotton Ginners' Association and a deacon in the Baptist Church, and was a Mason. He formerly managed Farmers Gin at Mathis.

Survivors are his wife; daughter, Mrs. C. L. McCullar, Dallas; son, Charles London, Alice; parents, Mr. and Mrs. Frank London, Robstown; a brother, sister and five grandchildren.



### Friends Honor Guy Richey at Fishing Party

FRIENDS and business associates of Guy Richey for many years gathered recently near Savannah on the occasion of his retirement from Wesson Oil and Snowdrift Co.'s Southern Cotton Oil Division. (Articles about his retirement and that of U. F. Stewart, who was a host at the recent party, appeared in The Press last July 11.) Shown in this picture, at Stewart's camp on the Ogeechee River, are: Left to right, front row: Sam McGowan, Cartersville, Ga.; J. I. Allman, Macon, Ga.; W. G. Parrish, Macon, H. G. Richey, Macon, U. F. Stewart, Savannah, Ga.; W. C. Stelling, Macon; Lamar Allen, Dawson, Ga.; H. L. Richey, Cordele, Ga. Back row: J. R. Howe, Savannah; R. G. Eubanks, Macon; H. L. Haywood, Macon; L. M. Ray, Ft. Gaines; C. L. Tucker, McRae; George Hendry, Savannah; E. O. Leddon, Cordele; Charles Lumpkin, Rome.

### Retired Cotton Man Dies

William Parr, 72, retired cotton man, died recently in Dallas. He formerly was

with Swift & Co. at Terrell and Dallas. Survivors are a daughter, Mrs. Stanley C. Olivier, Dallas; a grandson; and a brother, Isaac Parr, Liverpool, England.

## THE BUY FOR '59 .... CEN-TENNIAL COMBINATION 120 SAW GIN

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**COTTON GIN CO.**

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## New Products

### MODEL MS MOISTURE METER IS NOW AVAILABLE

A new instrument developed by the USDA for determining the moisture content of agricultural products, such as cottonseed, cottonseed meal, soybeans, soybean meal and cotton fiber, is now available.

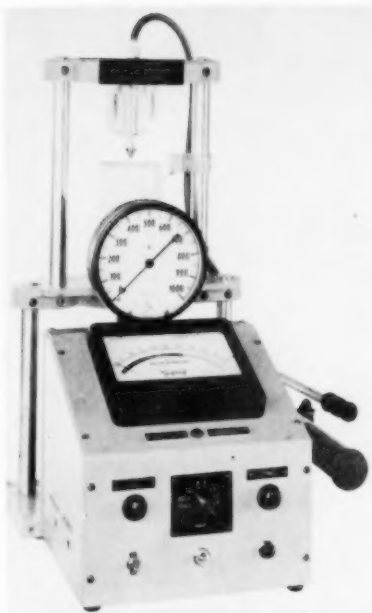
Preliminary tests have indicated that the instrument, known as the Model MS Moisture Meter, is also applicable to a wide variety of grains and granular material. It may be expected to be used by oil mills, cotton gins, seed breeders and others for the determination of storageability, grading and process control. Determinations are made speedily and with good accuracy. Only 40 to 60 seconds are required for a measurement. No weighing of sample is needed. Operation is readily performed by non-technical personnel. The instrument requires approximately two square feet of bench space.

The Model MS Moisture Meter measures only moisture content and non-aqueous volatiles have no effect on the results.

A reliable and rugged electronic measuring system gives assurance of trouble-free operation.

Model MS Moisture Meters have been tested under field conditions for more than one year. A number of these units have been in continuous operation during this period and not a single breakdown has been reported, the manufacturer says.

The development of this instrument has involved several years of research by



Charles E. Holaday and Marion E. Whitten at USDA.

Additional information may be obtained by writing Manufacturers Engineering & Equipment Corp., Hatboro, Pa., or The Cotton Gin and Oil Mill Press, P. O. Box 7985, Dallas 26, Texas.

## British Industry Plans 1960 Exhibit in U.S.

The biggest and most complete display of the British food industry ever shown in the U.S. will be part of a 17-day British Exhibition of industry, technology, science and culture in the New York Coliseum, June 10-26.

The Federation of British Industries is sponsoring the event with the support of the British Government.

Sir Norman Kipping, director general of the Federation, said that applications for display space already received "assure us of the first comprehensive British exhibition ever staged in the U.S. and a most outstanding event."

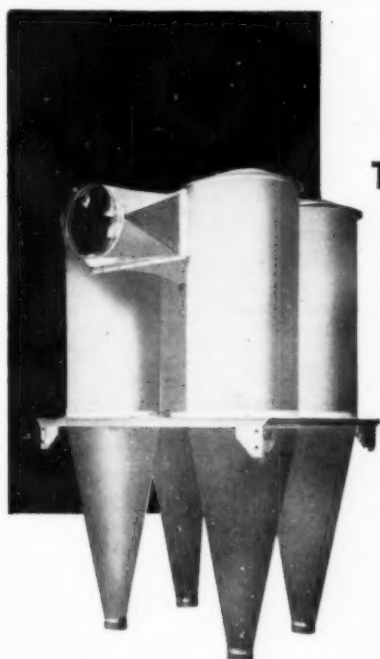
## Dies After Gin Accident

L. E. Buice, 64, died at a Waco hospital on Sept. 4 following an accident in his gin at Speegleville, Texas. He had long been prominent in Texas ginning activities, and was an alternate director of Texas Cotton Ginners' Association.

A native of Georgia, he had owned the Speegleville Gin for 37 years. He was president of the school board and had been a member for 30 years, was a director of the county Farm Bureau, and was active in the Baptist Church and Masons.

Survivors include his wife, three sons, three daughters, three brothers, three sisters and 10 grandchildren.

■ JESS MARR was general chairman for the National Soybean Festival, Sept. 16-18 at Portageville, Mo.



## HIGH EFFICIENCY DUST COLLECTORS & TRAVELING TELESCOPES

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| SEALED BALL BEARING ROLLER HANGER   | BALL BEARING ROPE PULLEYS       |

### HIGH EFFICIENCY CYCLONE DUST COLLECTORS

To help solve your problems concerning dust and other gin waste . . . install HIGH EFFICIENCY CYCLONE DUST COLLECTORS. Small diameter cyclones are MORE EFFICIENT than large cyclones. However, because of their low capacity, multiple units consisting of 2 or 4 collectors must be installed in most cases.

This collector MUST BE PROPERLY SIZED: (Air Reading should be taken where possible) to do this, the size and make of fan, type fan blade, fan speed, diameter of pipe on discharge side of fan, and type of material the fan is handling must be known.

We highly endorse this collector.



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**Don't Be Next**

### • Johnson Stresses Basic Practices

A WARNING against forgetting "the teachings of our fathers" in ginning cotton has been issued by Fred P. Johnson, North Carolina Department of Agriculture.

Johnson says that the 1959 crop has been difficult to gin, creating more rough preparation and low grades. Basic adjustments and ginning techniques should not be overlooked because of plant improvements and new equipment, he adds.

Johnson lists the following basic adjustments in gin stands and rules for avoiding rough preparation:

1. Air blast pressures should be not less than 14 inch water gauge.

2. Gin brushes should run at 6,666 feet per minute, tip speed.

3. Saws to air blast nozzle should be the thickness of a cotton tie.

4. Worn out doffing rollers on condensers can rough prep a bale by holding small bits of cotton until they form a roll big enough to be thrown out. During the formation of this condenser roll (as we call it) the cotton is pulled and twisted in a manner that causes the appearance of rough prep. This roll is eventually discharged into the bale at one side. Almost invariably, the sampler's knife will run into this

mass of rough cotton. A piece of window cord tacked under the doffing flaps will, in most cases, remedy the trouble.

5. All condensers run too fast. We may have exceptions where the condenser is part of a lint cleaning system and is engineered to meet specified conditions.

6. The suction man can cause rough prep. Taking up cotton too fast reduces the efficiency of cleaning and drying elements. Running the overflow through the cleaning and conditioning machinery repeatedly can rope the seed locks into twists that will not come apart in the lint stream.

7. Check all cylinder cleaners to see that seed cotton does not form a carpet on screens and grids.

8. Don't use oil in the roll box—talcum powder is much better, regardless of the offensive odor.

### Land Banks Lend Record Amount

During the fiscal year ended June 30, farmers borrowed a record \$574 million from the Federal Land Banks, the Farm Credit Administration has announced.

Officials compared the loan volume with that of the mid-Thirties but noted that the money was used for different purposes. In the Thirties the Land Bank System's job was to head off farm foreclosures. Last year, farmers used much of the money they borrowed to buy additional land, to modernize their farms and make them more efficient units.

### Yarn Spinners Elect

A. W. Bell, executive vice-president of American and Efird Mills, Inc., Mt. Holly, N.C., was named president of the Combed Yarn Spinners' Association during the annual meeting, Sept. 17-18 at Sea Island, Ga.

Bell succeeds Shannon M. Gamble, executive vice-president and comptroller of Standard-Coosa-Thatcher Co., Chattanooga, Tenn. J. L. Barnett of the South Fork Manufacturing Co. and Perfection Spinning Co., both of Belmont, N.C., is the new first vice-president.

### Textile Leaders Meeting

U.S. Representative W. J. Bryan Dorn of Greenwood, S.C., will address the South Carolina Textile Manufacturers Association Personnel Division at a meeting Sept. 23-25 in Charleston.

### For the Birds

One of the age old problems of ginners is the control of birds (pigeons and sparrows) in their gin buildings.

Houston Sweatt, manager of the Hub-of-The-Plains Gin at Lubbock, says he has an answer, according to a recent issue of the newsletter of Texas Cotton Ginners' Association. Sweatt reported that he has had excellent results from mixing one pint of Endrin in two and one-half gallons of water, and spraying the nests. The Endrin, he reports, has given effective control for at least six weeks and probably longer. He finds that this causes no marking on the machinery and is an excellent and easy way to do the job.

**KEEP YOUR GIN YARD FULL!**

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and they'll KEEP COMING BACK!

2 lb. weight — 21 lbs. TARE  
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Pretested for uniform strength  
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Belton, South Carolina



## • Large Trailers Urged For Hauling Cotton

WILL THE next bale of cotton be a middling or a middling plus? The size of the trailer you use to transport your cotton to the gin could make the difference, says Haywood Luck, assistant Extension agronomist at the University of Tennessee.

Trailers should be large enough to avoid tramping. Tramping can be avoided if a space of 250 to 300 cubic feet is provided for each bale of seed cotton. It is also recommended that wood-slatted or wire-sided trailers be used. This will permit movement of air to condition the cotton and help prevent heating. Tramping cotton into small trailers grinds trash into the cotton.

Trailers used for transporting two or more bales at a time should be divided by a partition. This will prevent overweight or underweight bales. It is very important this season to avoid very heavy or very light bales since there is a discount on these bales under the "A Cotton Purchase Plan."

The trailer front end gate should be made solid to prevent tractor wheels from throwing road tar into the cotton. Trailers should also be covered with a tarpaulin to avoid wasting seed cotton and reduce the danger of fire from tractor exhaust.

Tramping cotton when emptying sacks can be prevented by standing on a heavy timber placed across the top of the trailer. Where a large number of people are picking, time can be saved when emptying sacks by placing a ladder on each side of the trailer. In this manner, the platform can be reached from one side while another worker goes down the opposite side.

### New Bulletin

#### COTTON LINTERS MARKET POTENTIAL STUDIED

The market potential for cotton linters for felting uses looks good, but competitive materials and other factors are creating problems in marketing linters for chemical uses, USDA reports.

Felting linters are used in bedding, upholstery and similar products. The U.S. does not produce enough linters of felting quality to meet the domestic demand, and imports have met the extra needs.

Chemical linters, on the other hand, are produced in quantities that exceed domestic needs, and much of the supply is exported. This type of linters is used in making rayon and acetate fibers, plastics and explosives. It has had strong competition from woodpulp.

These relationships are brought out in a research report issued by the Department. Researchers of the Marketing Research Division, USDA's Agricultural Marketing Service, made a detailed study of factors affecting the potential market for linters of both kinds.

One promising growth market for chemical linters lies in their use for making rag-content paper, the researchers found. But technological improvements would have to be made in the strength of the linters before a sizable increase in consumption for this use could be realized.

A copy of "The Marketing Potential for Cotton Linters," Marketing Research Report No. 344, may be obtained from the Office of Information, USDA, Washington 25.



### Cotton Specialists Confer

COTTON SPECIALISTS compared notes at a recent School on Cotton Quality Preservation and Quality Control. The school, sponsored by the New Mexico Extension Service, was held on the University campus Sept. 9. Left to right are Victor L. Stedronsky, engineer-in-charge, USDA Cotton Ginning Laboratory, Mesilla Park; Alfred M. Pendleton, extension agricultural engineer—cotton, USDA, Dallas; Jack Towery, textile engineer, Moss-Gordin Lint Cleaner Co., Lubbock; Conrad Lohoefer, director of public relations, Plains Cotton Growers, Inc., Lubbock, and Winston Lovelace, secretary-treasurer, New Mexico Cotton Ginners' Association, Loving.

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AT LOWER COSTS

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THE FRENCH OIL MILL MACHINERY CO.  
P I Q U A , O H I O

## The Ginners' Job

(Continued from Page 7)

Many vital answers are yet unknown. For example, what specific fiber qualities contribute significantly to efficient mill processing and end-product quality? How and to what extent do various production, harvesting and ginning practices affect these qualities? How can these qualities be measured and evaluated so a dollar and cent value can be placed on them at all levels of raw cotton merchandising?

Only research can provide the answers to these and related questions. But this doesn't mean we have to wait to begin doing something about quality damage.

There are several things we can do now, using the facts already available.

Education and a closer working relationship between ginners and customers are essential if we are to take necessary steps in minimizing fiber damage. This is a big responsibility facing us as ginners.

First, we must educate ourselves and our operators. This is more important today than ever before. No machinery is better than its operator. How many of us would allow our new automobile to be driven by a person who knows nothing at all about cars or traffic rules? We should have the same attitude toward our gin. It should be closely supervised by a well-trained person who has the best interests

of his customers and the industry foremost in his mind.

We should attend ginner schools and mill tours whenever possible. My manager and I went on a mill tour recently and we consider the knowledge gained invaluable. It helps a lot to increase our knowledge of mill operations and see some of the problems they face.

Secondly, we must work with producers and help them understand better the benefits of preserving quality and the consequences of destroying it. I have found personal contact to be the most effective way. This can be supplemented with bulletins, illustrations and the like. If we are to be of much help to producers, we're going to have to stay alert and receptive to new developments on the problem. We should pay close attention to information coming from research laboratories, Extension Services and other organizations.

We should especially try to show producers the necessity of preserving quality during production and harvesting. It's true that we have no direct control over their actions. But we can explain that how cotton is handled before it reaches the gin has a lot to do with what can be done at the gin. The importance of such things as proper defoliation, keeping moisture within proper limits during harvesting, and using only well-trained operators in mechanical harvesting should be stressed.

• **Preserve Quality** — I am convinced that one of the things we must do to preserve quality during ginning is avoid overdrying. Studies have shown that a lint moisture content of five to seven percent is best for quality preservation. Researchers say overdrying makes fibers much more likely to be damaged in later machining and processing. It can also cost ginners through increased fuel costs and lower plant capacity and cause bale pressing problems. The press may be damaged when trying to tie out a large bale which is very dry.

We have bought a moisture meter for our gin. We tried one earlier and are convinced that they are more than worth their cost.

I strongly believe that we must also avoid overmachining. Tests have shown that excessive machining can damage quality and cause poor spinning performance. Therefore, we by-pass all non-essential equipment at our gin. For example, clean, dry cotton doesn't require much cleaning. We try to determine the best cleaning setup for bales of each type of seed cotton and stick to it.

We have found that the most serious quality damage occurs when cotton is subjected to both excessive drying and elaborate cleaning. This is a practice that must be avoided. We keep our overflow to a minimum and by-pass the overhead equipment with the overflow. This reduces weight loss, fiber damage and two-sided bales.

It seems to me that overemphasis on grade in recent years has been the biggest incentive for overdrying and overcleaning. In the market place and the government loan, premiums for higher grades and discounts for lower grades have had a tendency to make us forget about staple and turnout.

Overemphasizing grade has two distinct disadvantages. First, highest grade doesn't necessarily mean highest bale value for the producer. Even if he is lucky enough to get an improvement in grade by excessive drying and machining, he can lose money through decreases in weight and staple. Secondly, spinners



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are finding that high grade doesn't necessarily reflect good mill performance. It is only a matter of time until research gives us the evaluation methods that will enable us to pinpoint those qualities which influence spinnability. When this occurs, economic forces can take effect and cotton can be bought on the basis of its true value.

But even now we are fortunate in one respect—we can give the producer acceptable grade and higher bale value without subjecting cotton to the extreme ginning treatments which cause severe fiber damage. At our gin we have made it a practice to gin for a proper balance of grade, staple and weight and show our customers that we can give them a bigger check by drying and cleaning properly. It is often necessary to sit down and explain this to some producers, but we have had encouraging results.

• **Grouping Helps** — Many ginners will find grouping seed cotton according to trash and moisture content a big aid to proper ginning. Suppose some cotton comes to your gin clean and dry, while some arrives damp and trashy. I don't have to tell you that adjustments in equipment can't be made fast enough to do the best job on each bale if they're ginned in the order in which they arrive on the yard.

For example, about 90 percent of the cotton received at our gin is machine harvested. We try to hold back the hand-picked cotton and gin it together when enough bales have accumulated on the yard.

This is something that must be worked out jointly between ginners and producers. Some producers may be a little reluctant at first, but most of them favor grouping when they understand its value. There is no set plan to follow because different local situations may require different arrangements. But some form of seed cotton grouping should be adopted by ginners who receive seed cotton which varies considerably in trash and moisture content. Grouping hand-picked cotton separately from machine-picked may not be enough. Some ginners may also find it beneficial to group different types of machine-picked cotton.

What I have tried to say boils down to this—a lot of emphasis is being placed on preventing quality damage—particularly damage occurring at the gin. We ginners must respond by taking steps to keep damage at a minimum. We can do it only through careful management and close supervision of our operations.

It's not as though we should do it entirely as a favor to someone else—it's for our own benefit as well. Fine inherent quality has long been cotton's biggest asset in competing for fiber markets. That quality must be preserved and capitalized on if the cotton industry—including ginners—is to have a healthy and prosperous future!

### Walter McNabb, Ginner, Dies

Walter McNabb, 86, Lubbock, who had interests in cotton gins on the Texas High Plains for 40 years, died recently. His wife, three sons, nine daughters and a brother survive.

### Feed Officials To Meet

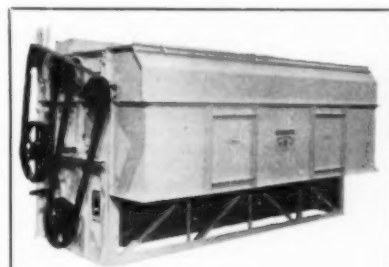
The Association of American Feed Control Officials, Inc., will hold its annual convention, Oct. 14-15 at the Shoreham Hotel in Washington.

### Tung Association To Meet

American Tung Association will hold its annual convention Sept. 29-Oct. 2 at the Edgewater Gulf Hotel, Edgewater Park, Miss.

Marshall Ballard, Jr., Lumberton, Miss., is president. Other officers are L. O. Crosby, Jr., Picayune, Miss., Otis A. Rosborough, Marianna, Fla., and C. W. Goodyear, Jr., Bogalusa, La., vice-presidents; and Roland R. Becke, Poplarville, Miss., secretary-treasurer.

■ **VERNON HILL**, North Carolina Department of Agriculture, has formed Hill Cotton Co., a cotton merchandising firm, with offices in Goldsboro and Raleigh.



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### Gin at Edmonson Elects

Edmonson (Texas) Cooperative Association elected Alex Reeves, president recently. Other officers and directors are Dan Gregory, vice-president; Floyd Wilson, secretary; Terry Hardy, Wallace Slayton and W. E. Thurman. Manager is F. F. Wilson.

Associate directors include John C. Carter, Vernon Bostick, Shelby Howell, Jr., and Fred Bass, Jr.

### Cotton Field Day on Sept. 23

Rocky Mount, N.C., Experiment Station will have a Cotton Field Day Sept. 23.

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### Another Great Cotton

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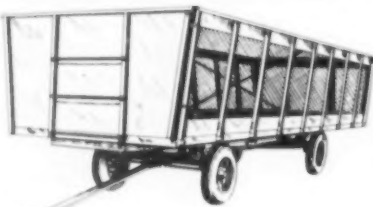
Paymaster Feed Mills, Abilene, Texas, have bought the integrated broiler operations of Marion Balch in West Texas. Balch will remain as manager. W. A. Williams is general manager of Paymaster Feed Mills, an Anderson, Clayton & Co. division.

## Grading Schools Scheduled

Schools on grading grain and soybeans will be held Sept. 21 at Bunkie, La., Oct. 6 at Perry and Oct. 7 at Mer Rouge, La. Louisiana Cottonseed Crushers' Association, Louisiana Delta Council and farm and grain organizations are sponsors. Dalton E. Gandy, NCPA field representative, has helped arrange the programs.

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CHITLING SWITCH, ARK.

DERE MR. EDITOR:

About two yrs ago I planted some grapes on my fence and this yr I half got enuff grapes to go in the grape business in edition to what the Mrs. gives away to her kinfolks and I thought I would make up some grape wine and let it git old and good so I called up one of these here shylocks that calls hisself a lawyer and ast him if it was agin the law for a man to make wine for his own use and he said yes it is and I said hell they make wine for sale up in the hills and they dont do nothing about it and he said that they had a permit and I said well why cant I git a permit and he said you can but you will half to do this that and the other and I said oh to hell with it but tell me this is they anything a man can do nowdays without breaking the law and he said yes but it will take me maybe a couple days to make up a list and I said and I guess you wuold charge me for a couple days work and he said well you dont think I

work for nothing and I said well you can jest fergit it but I will tell you one thing a feller can do and it is legalistic and he said what and I said he can hang up a sign as a shylock and chg folks what he dam pleases and nobody cant do nothing about it when the feller ought to be sentenced to seven yrs in a meat grinder and he said that aint funny and I hung up.

Well Mr. Editor I went out to what was left of my crop and shooed away them dam blackbirds that was halving a roman candle off of it and I tore them grapes off and tried to give them away to the pore folks and they was all loaded down with free groceries from this Wells-Fargo thing and would not take them so I half give up, and I guess the Mrs. kinfolks will git them after all and it is a case of lovers labor lost and I guess the only thing for me to do is jest to keep on smiling and kick hell out of any pore dog that gits in my path.

YOUR'N,

B. Ubbersson



## Stoneville Seed Growers Meet

SHOWN HERE is the recent annual meeting held by Stoneville Pedigreed Seed Co. for increase growers for that firm. Held in Stoneville, Miss., and attended by many of the increase growers, the program included discussions by Dr. George R. Walker, son of the founder; Dr. C. W. Manning, head of the plant breeding staff; and Emory Rose, sales manager of the firm. A tour of the various breeding plots were a'so included with detail explanations of the latest developments in Stoneville cottons. Shown in the picture are: Front Row: C. O. Ellington, Minter City, Miss.; Eugene Fedric, Glendora, Miss.; Chat Rhodes, Minter City, Miss. Second Row: C. A. Tate, Stoneville, Miss.; W. E. Patterson, Delta City, Miss.; Chester Smith, Greenville, Miss.; Clyde McGee, Leland, Miss.; William F. Darnell, Minter City, Miss. Standing: Harry Rose, Stoneville, Miss.; Dr. Manning, Stoneville, Miss.; Clarence Mehuin, Pickens, Ark.; George Puryear, Jonesboro, Ark.; R. A. Pickens, Pickens, Ark.; Dr. Walker, Stoneville, Miss.; Felix Schilling, Stoneville, Miss.; Troy Livingston, Stoneville, Miss.; Merle Strickland, Stoneville, Miss.; Audrey Germany, Stoneville, Miss. Also in attendance but not shown were: S. E. Boykin, Nitta Yuma, Miss.; Harry Patton, Jr., Nitta Yuma, Miss.; T. A. Massey, Nitta Yuma, Miss.; T. E. Elam, Nitta Yuma, Miss.; J. C. Reed, Dunleith, Miss.; John Dickens, Leland, Miss.; Perrin Grissom, Stoneville, Miss.; Rex Livingston, Elizabeth, Miss.; C. A. Tate, Jr., Elizabeth, Miss.; Ed Tate, Elizabeth, Miss.; Ben B. Sayle, Stoneville, Miss.; Leo Gerdes, Leland, Miss.; Warren Billingsley, Memphis, Tenn.



## CALENDAR



• Sept. 28-30—American Oil Chemists' Society fall meeting. Statler Hilton Hotel, Los Angeles. Lucy R. Hawkins, 35 E. Wacker Drive, Chicago, secretary.

• Dec. 5—Tri-States Oil Mill Superintendents' Association regional meeting. Memphis. O. D. Easley, Southern Cotton Oil Division, Wesson Oil & Snowdrift Co., Inc., Memphis, chairman.

1960

• Jan. 14-15—Beltwide Cotton Production-Mechanization Conference. Peabody Hotel, Memphis. For information, write Claude L. Welch, National Cotton Council, P. O. Box 9905, Memphis 12.

• Jan. 20-22 — Southern Weed Conference, Buena Vista Hotel, Biloxi, Miss. Dr. Walter K. Porter, Louisiana State University, Baton Rouge, secretary-treasurer.

• Feb. 3-6—Southeastern Gin Suppliers' Exhibit, Biltmore Hotel, Atlanta. Concurrent with convention of Alabama-Florida, Georgia and Carolinas Cotton Ginners' Association. For exhibit information, write Tom Murray, P. O. Box 1098, Decatur, Ga.

• Feb. 5-6—Georgia Cotton Ginners' Association annual meeting. Biltmore Hotel, Atlanta. Tom Murray, P. O. Box 1098, Decatur, Ga., executive vice-president.

• Feb. 5-6 — Alabama-Florida Cotton Ginners' Association annual meeting. Biltmore Hotel, Atlanta. Tom Murray, P. O. Box 1098, Decatur, Ga., executive vice-president.

• Feb. 5-6—Carolinas Ginners' Association annual meeting. Biltmore Hotel, Atlanta. E. O. McMahan, P. O. Box 512, Bennettsville, S.C., executive secretary.

• Feb. 5—Oklahoma Cotton Ginners' Association convention, the Skirvin Hotel, Oklahoma City. Mrs. Roberta Reubell, secretary, 307 Bettes Bldg., Oklahoma City 8, Okla.

• Feb. 6—Tri-States Oil Mill Superintendents' Association regional meeting. Greenville, Miss. Billy L. Shaw, Southern Cotton Oil Division, Wesson Oil & Snowdrift Co., Inc., Greenville, and Martin Letchworth, Leland Oil Works, Leland, Miss., co-chairmen.

• Feb. 8-9—National Cotton Council annual meeting. Statler Hilton Hotel, Dallas. For information, write Wm. Rhea Blake, executive vice-president, National Cotton Council, P. O. Box 9905, Memphis 12.

• Feb. 15-16 — Cottonseed Processing Clinic. Southern Regional Research Laboratory, New Orleans. Sponsored by USDA and Mississippi Valley Oilseed Processors' Association. C. E. Garner, 401 Exchange Building, Memphis, Association secretary.

• Feb. 22-23 — Texas Cooperative Ginners' Association, Texas Federation of Cooperatives and Houston Bank for Cooperatives joint convention. Stephen F. Austin Hotel, Austin. Bruno E. Schroeder, Nash Building, Austin, executive secretary-treasurer.

• March 1-2—Western Cotton Production Conference, Bakersfield, Calif. Sponsors, Southwest Five-State Cotton Growers' Association and National Cotton Council, P. O. Box 9905, Memphis 12, Tenn.

• March 7-9—Arkansas-Missouri Cotton Ginners' Association annual convention. Memphis, Tenn. (In conjunction with Mid-south Gin Supply Exhibit at Mid-south Fairgrounds.) W. Kemper Bruton, Blytheville, Ark., executive vice-president.

• March 7-9—Mid-south Gin Supply Exhibit. Mid-south Fairgrounds, Memphis. Sponsored by Arkansas-Missouri, Tennessee and Louisiana-Mississippi Cotton Ginners' Associations. For information, write W. Kemper Bruton, Blytheville, Ark.

• March 17-19—The West Coast meeting, The International Oil Mill Superintendents' Association, the Hilton Hotel, Los Angeles. Earl Garner, general chairman, P. O. Box 507, Chowchilla, Calif. Carl Hogrefe, co-chairman, 1810 Milan Ave., Pasadena.

• April 3 — National Cotton Ginners' Association annual meeting. Dallas, Texas. Tom Murray, executive vice-president, P. O. Box 1098, Decatur, Ga.

• April 3-5 — Texas Cotton Ginners' Association annual convention. State Fair of Texas grounds in Dallas. For information, write Edward H. Bush, executive vice-president, P. O. Box 7665, Dallas 26.

• April 4-5—Mississippi Valley Oilseed Processors' Association annual convention. Buena Vista Hotel, Biloxi, Miss. C. E. Garner, 401 Exchange Building, Memphis, secretary.

• April 4-6 — American Oil Chemists' Society spring meeting. Baker Hotel, Dallas. Society headquarters 35 East Wacker Drive, Chicago.

• April 7-9 — American Cotton Manufacturers' Institute annual meeting. American Hotel, Bal Harbour, Fla. For information, write ACMI, 1501 Johnston Building, Charlotte, N.C.

• May 2-3—American Cotton Congress. Texas A&M College, College Station, Texas. For information, write Burris C. Jackson, general chairman, Hillsboro, Texas.

• May 10-11—National Cotton Compress and Cotton Warehouse Association convention. Atlanta-Biltmore Hotel, Atlanta.

John H. Todd, executive vice-president, P. O. Box 23, Memphis 1, Tenn.

• May 16-17 — National Cottonseed Products Association annual convention. Roosevelt Hotel, New Orleans. John F. Moloney, P. O. Box 5736, Memphis, secretary-treasurer.

• May 31-June 2—Eleventh annual Cotton Research Clinic, Grove Park Inn, Asheville, N.C. For information write George Wells, public relations representative, National Cotton Council, Ring Building, Room 502, 1200—18th St., N.W., Washington 6.

• June 5-7—Tri-States Oil Mill Superintendents' Association annual convention. Hotel Buena Vista, Biloxi, Miss. N. L. Pugh, Southern Cotton Oil Division, Wesson Oil & Snowdrift Co., Inc., Newport, Ark., general chairman.

• June 12-15—National Plant Food Institute annual meeting. The Greenbrier, White Sulphur Springs, W. Va. Institute headquarters 1700 K Street, NW, Washington.

• June 16-18—Southeastern Cottonseed Crushers' Association annual convention. Grand Hotel, Point Clear, Ala. C. M. Scales, 318 Grand Theatre Building, Atlanta, Ga., secretary-treasurer.

• June 26-28 — North Carolina Cottonseed Crushers' Associations joint convention at Ocean Forest Hotel, Myrtle Beach, S.C. Mrs. M. U. Hogue, P. O. Box 6415, Raleigh, N.C., secy.-treas.

• June 26-28—The International Oil Mill Superintendents' Association convention, the Hotel Texas, Fort Worth. H. E. Wilson, secretary, P. O. Box 1180, Wharton, Texas.

• October 17-19 — American Oil Chemists' Society fall meeting. The New Yorker Hotel, New York City. Society headquarters 25 East Wacker Drive, Chicago.

### Cotton Field Day Held

The cotton field day at the Blackland (Texas) Experiment Station was held Sept. 10, sponsored by the Blackland Station, agriculture committee of the Temple Chamber of Commerce and the Bell County 7-Step Cotton Committee.

C. L. "Chick" Walker, Jr., chairman of the cotton committee, was master of ceremonies for the field day which was under the direction of Dr. E. D. Cook, agronomist in charge of cotton research.

Others on the program included Dr. R. M. Smith, station superintendent; Dr. Ralph Hervey, cotton root rot research; Cotton Research Assistant Bill Parmer, and Don Decker, county agent.

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Sergeant (to recruit): "So you're in the army now?"

Recruit: "Yes, sir."

Sergeant (sarcastically): "And I suppose you want a commission?"

Recruit: "Oh, no, sergeant. I'm such a poor shot I'd rather work on a straight salary."

.....  
They were burying a rather unsavory character who had never been near a place of worship in his life. The services were being conducted by a minister who had never heard of him.

Carried away by the occasion, he poured on praise for the departed man. After ten minutes of describing the late lamented as a father, husband and boss, the widow, whose expression had grown more and more puzzled, nudged her son and whispered:

"Go up there and make sure it's Papa."

.....  
"Look, daddy!" said six-year-old Billy. "I pulled this cornstalk up all by myself."

"My, but you are strong," said his father.

"I sure am," said Billy. "The whole world had hold of the other end of it."

.....  
"I'm not wealthy and I don't have a yacht and a convertible like Jerome Green," apologized the suitor. "But darling, I love you."

"And I love you, too," replied the girl. "But tell me more about Jerome."

.....  
Mr.: "Darling, you're a wonderful wife, but I do think you fib just a little occasionally."

Mrs.: "Yes, dear; but I think it's a wife's duty to speak well of her husband when she's discussing him."

.....  
A young man was having a hard time trying to decide what to give his new girl friend for a birthday gift. He wandered around a large department store, looking at various displays, until he saw the perfume display. Going up to the clerk, he said:

"I've got to get my girl a birthday present. Would you suggest perfume?"

"Certainly," smiled the clerk. "Every girl likes to get a bottle of nice perfume for a gift."

"What kind could I get her?" asked the man.

"Well," was the reply, "here's a new perfume called 'Maybe.' It's only \$50 an ounce."

"Fifty dollars!" exclaimed the man. "Listen, if I have to spend \$50, I don't want 'Maybe.' I want 'Sure Thing!'"

.....  
Wife (to salesman hubby): "I always worry when you are away from home."

Hubby: "But, angel, I'll be back before you know it."

Wife: "That's what worries me."

.....  
There was once a young man who told his lady love that he had never seen such dreamy eyes . . . and was left slightly disconcerted when she remarked tartly: "You've never stayed so late before!!"

.....  
"Doc, I just dropped in to tell you how much your treatments helped me."

"But you are not my patient."

"I know, but my uncle was and I'm his heir."

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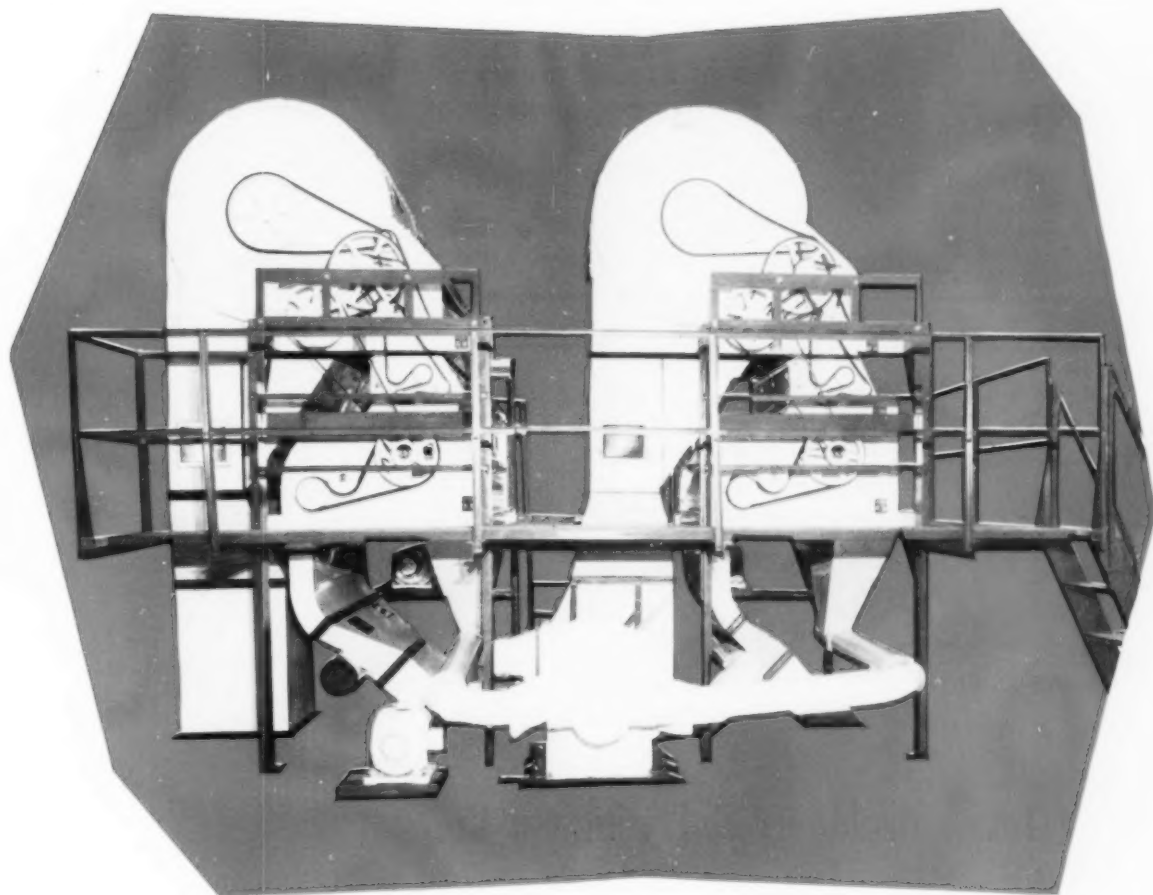
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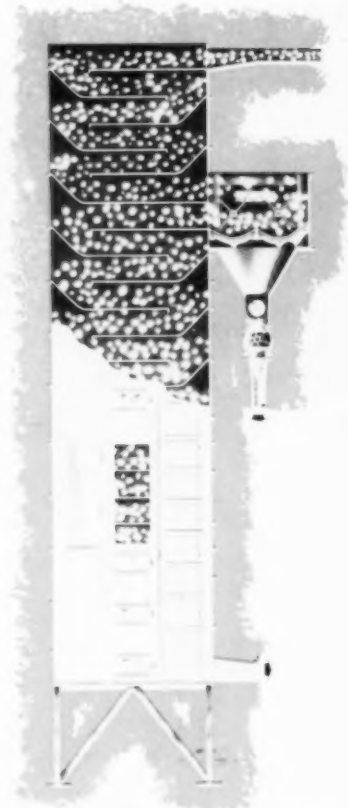
Heat alone can dry cotton . . . but it can also cause serious damage. The H-E Moistrite Conditioner's flat-end shelves fluff cotton, slow it down momentarily for better air penetration. The 2-cylinder Hi-Dri unit opens wads of cotton, gets out lots of trash. Team up the H-E automatically controlled Uni-Matic Heater with the Moistrite Conditioner and you have the industry's *finest* moisture control center . . . and the *safest!* Moistrite's *better* . . . it's Hardwicke-Etter.



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